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# Metropolitan Housing Characteristics

CEDAR RAPIDS, IOWA  
STANDARD METROPOLITAN STATISTICAL AREA

HC(2)-38

1970  
CENSUS OF  
HOUSING



U.S. DEPARTMENT  
OF COMMERCE  
Social and Economic  
Statistics Administration  
BUREAU OF  
THE CENSUS

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Metropolitan  
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**CEDAR RAPIDS, IOWA  
STANDARD METROPOLITAN  
STATISTICAL AREA**

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## TABLE FINDING GUIDE—Cross-Classification of Subjects by Table Number

This guide lists all subjects covered in this report. An asterisk (\*) indicates that data are shown for housing units with Negro head of household, and the dagger symbol (†) means that the data are shown for housing units with household head of Spanish heritage; these data are shown when an area has 25,000 or more Negro or Spanish heritage population, respectively.

Subject	Value	Gross rent	Income in 1969	Plumbing facilities by persons per room	Number of rooms	Units in structure	Household composition by age of head	Size of household (persons)	Duration of vacancy	Sales price asked and rent asked
<b>OCCUPANCY AND VACANCY CHARACTERISTICS</b>										
Year moved into unit .....	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	—	—	6, 16*, 24†	—	—	—	—
Duration of vacancy .....	—	—	—	9 <sup>1</sup>	9	9	—	—	—	9
<b>UTILIZATION CHARACTERISTICS</b>										
Number of rooms .....	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	5, 15*, 23†	—	6, 16*, 24†	—	5, 15*, 23†	9	—
Size of household (persons) .....	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	4, 14*, 22†	5, 15*, 23†	8, 18*, 26†	8, 18*, 26†	—	—	—
Number of bedrooms .....	1, 11*	2, 12*	3, 13*	—	5, 15*	6, 16*	—	8, 18*	9	10
Persons per room .....	1, 11*, 19†	2, 12*, 20†	4, 14*, 22†	—	5, 15*, 23†	6, 16*, 24†	7, 17*, 25†	4, 14*, 22†	—	—
<b>PLUMBING CHARACTERISTICS</b>										
Plumbing facilities .....	—	—	—	—	—	—	—	—	9	10
Plumbing facilities by persons per room .....	1, 11*, 19†	2, 12*, 20†	4, 14*, 22†	—	5, 15*, 23†	6, 16*, 24†	7, 17*, 25†	4, 14*, 22†	—	—
Complete bathrooms .....	1, 11*, 19†	2, 12*, 20†	—	—	5, 15*, 23†	—	—	8, 18*, 26†	—	—
<b>STRUCTURAL CHARACTERISTICS</b>										
Units in structure .....	—	6, 16*, 24†	6, 16*, 24†	6, 16*, 24†	6, 16*, 24†	—	7, 17*, 25†	8, 18*, 26†	9	10
Year structure built .....	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	4, 14*, 22†	5, 15*, 23†	6, 16*, 24†	—	8, 18*, 26†	9	10
Elevator in structure .....	—	2, 12*	—	—	—	—	—	—	—	—
<b>EQUIPMENT AND APPLIANCES</b>										
Heating equipment .....	1, 11*, 19†	—	—	4, 14*, 22†	—	6, 16*, 24†	—	—	9	—
Air conditioning .....	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	—	—	6, 16*, 24†	—	—	—	—
Automobiles available .....	—	—	3, 13*, 21†	—	—	6, 16*, 24†	—	—	—	—
Second home .....	—	—	3, 13*	—	—	—	—	—	—	—
Automatic clothes washing machine .....	—	—	3, 13*	—	—	—	—	—	—	—
Clothes dryer .....	—	—	3, 13*	—	—	—	—	—	—	—
Dishwasher .....	—	—	3, 13*	—	—	—	—	—	—	—
Home food freezer .....	—	—	3, 13*	—	—	—	—	—	—	—
<b>FINANCIAL CHARACTERISTICS</b>										
Value .....	—	—	1, 11*, 19†	1, 11*, 19†	1, 11*, 19†	—	1, 11*, 19†	1, 11*, 19†	—	—
Value-income ratio .....	—	—	—	4, 14*, 22†	5, 15*, 23†	—	7, 17*, 25†	8, 18*, 26†	—	—
Gross rent .....	—	—	2, 12*, 20†	2, 12*, 20†	2, 12*, 20†	6, 16*, 24†	7, 17*, 25†	2, 12*, 20†	—	—
Gross rent as percentage of income .....	—	2, 12*, 20†	3, 13*, 21†	4, 14*, 22†	5, 15*, 23†	—	—	8, 18*, 26†	—	—
Gross rent as percentage of income by income .....	—	—	—	—	—	—	7, 17*, 25†	—	—	—
Sales price asked .....	—	—	—	—	—	—	—	—	—	—
Rent asked .....	—	—	—	10 <sup>1</sup>	—	—	—	—	9	—
Rent asked .....	—	—	—	10 <sup>1</sup>	—	10	—	—	9	—
Inclusion of utilities in rent .....	—	—	—	—	—	—	—	—	—	10
<b>HOUSEHOLD CHARACTERISTICS</b>										
Household composition by age of head .....	1, 11*, 19†	7, 17*, 25†	7, 17*, 25†	7, 17*, 25†	—	7, 17*, 25†	—	8, 18*, 26†	—	—
Income in 1969 .....	1, 11*, 19†	2, 12*, 20†	—	4, 14*, 22†	3, 13*, 21†	6, 16*, 24†	7, 17*, 25†	3, 13*, 21†	—	—

<sup>1</sup>Vacant units tabulated by plumbing facilities only.

# INTRODUCTION

# APPENDIXES

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## GENERAL

This report presents cross-tabulations of housing and household characteristics from the 1970 Census of Population and Housing for the standard metropolitan statistical area, its central city or cities, and its places of 50,000 inhabitants or more. Legal provision for this census, which was conducted as of April 1, 1970, was made in the Act of Congress of August 31, 1954 (amended August 1957), which codified Title 13, United States Code.

This report series contains 248 reports as listed on page II. There is one report for each standard metropolitan statistical area (recognized as of February 1971) in the United States and Puerto Rico, as well as a summary report for the United States.

This series of reports is one of the several series which present the information compiled from the census. For a description of the full data dissemination program of the 1970 Population and Housing Census, see Appendix D, "Publication and Computer Summary Tape Program."

The content and procedures of the 1970 census were determined after evaluation of the results of the 1960 census, consultation with a wide variety of users of census data, and extensive field pretesting. A number of

changes were introduced in 1970 to improve the usefulness of the census results. For most of the characteristics shown in this report, the changes do not, however, affect to any appreciable extent the comparability of the 1970 data with those for 1960; further information on comparability appears in Appendix B, "Definitions and Explanations of Subject Characteristics."

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in later reports of the 1970 census.

**Organization of the text.**—The text consists of this introduction and four appendixes which appear after the tables. Appendix A describes the various area classifications (e.g., places, standard metropolitan statistical areas, etc.) and briefly explains the residence rules used in counting the population. Appendix B provides definitions and explanations for the subjects covered in this report, including facsimiles of the 1970 census questionnaire pages and a facsimile of the instruction sheet. Appendix C presents information on sources of error in the data, editing procedures, the sample design, ratio estimation, and sampling variability. Appendix D summarizes the data dissemination program of the 1970 census.

**Content of the tables.**—A series of standard tables is presented for each area shown in this report. Tables 1 to 8 present statistics for owner-occupied and renter-occupied units. Tables 9 and 10 present statistics for vacant units, separately for units for

sale and for units for rent. Data for housing units with Negro head of household are presented in tables 11 to 18, and data for housing units with heads of Spanish heritage (i.e., heads of Spanish language or surname or of Puerto Rican birth or parentage) are presented in tables 19 to 26; these tables, which have the same subject content as tables 1 to 8, are published for those standard metropolitan statistical areas, cities or places that have a population of 25,000 or more for the particular group. The finding guide on page IV lists the characteristics covered in this report and shows the tables in which the various types of statistics appear.

The prefix letter "A" has been assigned to the tables for the total standard metropolitan statistical area; tables for the central cities and places of 50,000 inhabitants or more, which follow in alphabetical order, have the prefix letter "B," "C," etc.

**Sample size.**—The statistics presented in this report are based on a sample of housing units. More specifically, the data are derived from the 15-percent and 5-percent sample questionnaires (see "Data Collection Procedures," below). Some items appeared on both sample questionnaires and, therefore, are based on a 20-percent sample of housing units. The sampling rate for each subject is shown in table A of Appendix C, "Accuracy of the Data." Appendix C also presents information on the sampling variability associated with these data.

Statistics for some subgroups (e.g., households in owner-occupied units with incomes of less than \$2,000 or renter-occupied 1-room units) may differ from table to table or within the same table when the figures are tabulated from different samples.

## INTRODUCTION—Continued

**Derived figures (medians, etc.).—**Shown in this report are medians as well as certain percentages and ratios. The median, which is a type of average, is the middle value in a distribution; i.e., the median divides the distribution into two equal parts—one-half of the cases fall below the median and one-half of the cases exceed the median. For all types of derived figures in this report, the figure is not presented (but indicated by three dots "...") if there are fewer than the prescribed number of units in the distribution or the base. For the 20-percent sample, the minimum number of housing units is 100; for the 15-percent sample, the minimum is 132; and for the 5-percent sample, the minimum is 400.

Medians for rooms and persons are rounded to the nearest tenth, for value to the nearest hundred dollars, and for rent to the nearest dollar. In computing medians for rooms and persons per housing unit, the whole number is used as the midpoint of the interval so that, for example, the category "3 rooms" is treated as an interval ranging from 2.5 up to 3.5 rooms. In computing median rent, units reported as "no cash rent" are excluded. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. When the median falls in the lower terminal category of an open-end distribution, the method of presentation is to show the initial value of the next category followed by a minus sign; thus, for example, if the median falls in the category "Less than \$5,000," it is shown as "\$5,000-." When the median falls in the upper terminal category of an open-end distribution, the method of presentation is to show the initial value of the

terminal category followed by a plus sign; thus, for example, if the median falls in the category "\$50,000 or more," it is shown as "\$50,000+."

**Symbols.—**A dash "-" signifies zero. Three dots "..." mean not applicable, or that the base for a derived figure is too small for it to be shown, or that the data are being withheld to avoid disclosure of information for individual housing units. The symbol "U" means that the place is unincorporated.

**Boundaries.—**The data shown for 1970 relate to the boundaries as they existed on January 1, 1970. Information on boundary changes between 1960 and 1970 for certain types of areas is given in the 1970 Population Census PC(1)-A reports.

### DATA COLLECTION PROCEDURES

The 1970 census was conducted primarily through self-enumeration. In 1960, self-enumeration was first introduced on a nationwide scale as a substitute for the traditional census direct interview.

A census questionnaire was delivered by postal carriers to every household several days before Census Day, April 1, 1970. This questionnaire contained certain explanatory information and was accompanied by an instruction sheet; in areas with comparatively large proportions of Spanish-speaking persons, a Spanish version of the instruction sheet was also enclosed. Some of this material is reproduced in Appendix B, "Definitions and Explanations of Subject Characteristics."

In the larger metropolitan areas and some adjacent counties, altogether containing about three-fifths of the

population of the United States, the householder was requested to fill out and mail back the form on Census Day. Approximately 87 percent of the householders did so. The mailed-back forms were reviewed by the census enumerator (or, in some localities, a census clerk) and if the form was determined to be incomplete or inconsistent, a followup was made. The bulk of these followups were made by telephone, the rest by personal visit. For the households that did not mail back their forms, a followup was also made, in almost all cases by personal visit and in the remainder by telephone; vacant units were enumerated by personal visit.

For the remaining two-fifths of the population, the householder was requested to fill out the form and give it to the enumerator when he called; approximately 80 percent did so. Incomplete and unfilled forms were completed by interview during the enumerator's visit.

Three types of questionnaires were used throughout the country: 80 percent of the households answered a form containing a limited number of population and housing questions and the remainder, split into 15-percent and 5-percent samples, answered forms which contained these questions as well as a number of additional questions. Some of the additional questions were the same on the 15-percent and 5-percent versions; others were different. A random procedure was used to determine which of the three forms any particular household answered.

In the metropolitan and adjacent areas, the designated type was sent to each household. In the remaining areas, the questionnaire with a limited number of questions was distributed to all households and the enumerators

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## INTRODUCTION—Continued

interviewed for the additional questions in those households designated for the 15-percent and 5-percent samples.

The subjects covered in this report are all drawn from the 15-percent and 5-percent sample questionnaires.

### PROCESSING PROCEDURES

The 1970 census questionnaires were specially designed to be processed by FOSDIC (Film Optical

Sensing Device for Input to Computers). Respondents and enumerators (and for some few items, census clerks) marked the answers in predesignated positions which could be "read" by FOSDIC, from a microfilm copy of the questionnaire, onto computer magnetic tape.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing

and tabulation steps (see Appendix C, "Accuracy of the Data"). One of the end results of this operation was a computer tape from which the tables in this report were prepared on a cathode-ray-tube phototypesetting machine at the Government Printing Office. Another end result was the summary tape which is available for purchase, as described in Appendix D, "Publication and Computer Summary Tape Program."

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METROPOLITAN HOUSING CHARACTERISTICS

**Cedar Rapids, Iowa**  
STANDARD METROPOLITAN STATISTICAL AREA

[Page numbers listed here omit the SMSA prefix number which appears as part of the page number for each page. The prefix for this SMSA is 38]

page

**MAP**

Counties, Standard Metropolitan  
Statistical Areas, and Selected Places X

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Cedar Rapids .....	B	10 to 18	—	—

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Table A-1. Value of Owner Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
<b>Specified owner occupied<sup>1</sup></b>	<b>31 320</b>	<b>346</b>	<b>664</b>	<b>1 488</b>	<b>2 788</b>	<b>4 088</b>	<b>10 324</b>	<b>6 470</b>	<b>3 681</b>	<b>1 016</b>	<b>455</b>	<b>18 100</b>
<b>ROOMS</b>												
1 and 2 rooms	139	33	17	5	18	22	29	15	-	-	-	12 000
3 rooms	444	51	90	77	91	76	40	9	10	-	-	10 100
4 rooms	4 002	71	201	354	773	912	1 290	299	81	21	-	14 200
5 rooms	11 894	114	223	580	889	1 581	4 987	2 739	701	68	12	17 800
6 rooms	7 998	47	92	314	636	980	2 523	2 017	1 141	191	57	18 800
7 rooms	3 807	10	19	94	261	388	968	820	811	326	110	21 000
8 rooms or more	3 036	20	22	64	120	129	487	571	937	410	276	26 100
Median	5.4	4.7	4.6	5.0	5.1	5.2	5.3	5.6	6.4	7.2	7.5+	...
<b>PERSONS</b>												
1 person	3 320	136	221	402	619	572	874	294	132	47	23	13 700
2 persons	8 894	88	241	487	1 048	1 296	2 956	1 637	789	244	108	17 300
3 persons	5 297	56	80	235	410	717	1 785	1 089	662	156	107	18 200
4 persons	5 888	25	59	193	278	595	2 019	1 554	844	230	91	19 500
5 persons	3 998	26	-	53	174	439	1 406	1 000	650	209	41	19 700
6 persons or more	3 923	15	63	118	259	469	1 284	894	604	130	85	19 100
Median	3.2	1.9	2.0	2.2	2.2	2.7	3.1	3.6	3.8	3.8	3.4	...
Units with roomers, boarders, or lodgers	581	5	20	43	56	96	211	106	26	9	9	17 400
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b>	<b>30 994</b>	<b>225</b>	<b>563</b>	<b>1 446</b>	<b>2 757</b>	<b>4 078</b>	<b>10 318</b>	<b>6 460</b>	<b>3 676</b>	<b>1 016</b>	<b>455</b>	<b>18 200</b>
0.50 or less	15 028	135	380	917	1 815	2 078	4 556	2 603	1 659	571	314	17 400
0.51 to 1.00	13 899	75	129	472	760	1 652	4 885	3 469	1 878	438	141	19 000
1.01 to 1.50	1 794	15	43	51	146	296	772	340	124	7	-	17 300
1.51 or more	273	-	11	6	36	52	105	48	15	-	-	16 900
<b>Lacking some or all plumbing facilities</b>	<b>326</b>	<b>121</b>	<b>101</b>	<b>42</b>	<b>31</b>	<b>10</b>	<b>6</b>	<b>5</b>	<b>5</b>	<b>-</b>	<b>-</b>	<b>6 000</b>
0.50 or less	216	75	75	36	10	4	6	5	5	-	-	6 100
0.51 to 1.00	110	46	26	6	21	6	-	5	-	-	-	5 900
1.01 to 1.50	-	-	-	-	-	-	-	-	-	-	-	-
1.51 or more	-	-	-	-	-	-	-	-	-	-	-	-
<b>BEDROOMS</b>												
None and 1	806	98	156	127	205	139	61	20	-	-	-	10 300
2	8 143	145	349	633	1 377	1 668	2 533	889	440	64	45	14 800
3	17 006	41	133	479	1 119	1 741	6 022	5 091	1 932	368	80	19 200
4 or more	4 916	18	48	104	160	268	1 243	1 083	1 072	515	405	22 800
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	837	-	-	6	5	5	160	310	236	80	35	23 900
1965 to 1968	3 795	-	4	12	10	47	795	1 413	1 141	310	63	23 600
1960 to 1964	4 786	4	8	16	56	224	1 748	1 656	1 754	184	136	21 000
1950 to 1959	8 330	26	52	79	383	1 148	3 610	1 866	826	270	70	18 500
1940 to 1949	2 552	61	76	124	232	440	1 000	350	215	25	29	16 400
1939 or earlier	11 020	255	524	1 251	2 102	2 224	3 011	875	509	147	122	14 000
<b>COMPLETE BATHROOMS</b>												
1 and 1 1/2	26 160	247	548	1 392	2 659	3 888	9 832	5 251	2 015	265	63	17 200
2 and 2 1/2	4 468	-	7	36	54	265	638	996	1 615	624	233	26 500
3 or more	391	-	-	9	7	7	7	-	118	115	135	42 100
None or also used by another household	494	111	132	85	85	34	28	19	-	-	-	7 600
<b>HOUSEHOLD COMPOSITION</b>												
<b>Two-or-more-person households</b>	<b>28 000</b>	<b>210</b>	<b>443</b>	<b>1 086</b>	<b>2 169</b>	<b>3 516</b>	<b>9 450</b>	<b>6 174</b>	<b>3 549</b>	<b>949</b>	<b>432</b>	<b>18 500</b>
Male head, wife present, no nonrelatives	25 220	171	352	868	1 818	3 015	8 540	5 801	3 338	911	406	18 800
Under 25 years	846	15	15	22	86	140	403	140	40	6	-	17 000
25 to 34 years	5 855	26	51	143	305	598	2 048	1 804	773	82	23	19 500
35 to 44 years	4 354	31	34	102	253	602	2 049	1 666	1 135	372	110	20 300
45 to 64 years	9 225	74	160	370	780	1 185	3 060	1 811	1 145	420	220	18 400
65 years and over	2 940	25	92	231	394	511	980	378	245	31	53	16 100
Other male head	917	20	32	66	85	168	271	127	111	21	16	16 400
Under 65 years	676	5	17	34	39	118	204	111	111	21	16	17 800
65 years and over	241	15	15	32	46	50	67	16	-	-	-	13 100
Female head	1 863	19	59	152	266	333	639	248	100	37	10	15 700
Under 65 years	1 261	5	42	114	175	207	449	170	71	28	-	15 900
65 years and over	602	14	17	38	91	126	190	78	29	9	10	15 400
<b>One-person households</b>	<b>3 320</b>	<b>136</b>	<b>221</b>	<b>402</b>	<b>619</b>	<b>572</b>	<b>874</b>	<b>294</b>	<b>132</b>	<b>47</b>	<b>23</b>	<b>13 700</b>
Under 65 years	1 182	42	49	100	200	178	391	138	74	7	3	15 300
65 years and over	2 138	94	172	302	419	394	483	156	58	40	20	13 000
<b>INCOME IN 1969</b>												
Less than \$2,000	2 314	155	166	342	435	366	590	203	49	5	3	12 900
\$2,000 to \$2,999	1 220	19	86	126	248	266	326	87	43	19	-	13 700
\$3,000 to \$3,999	1 076	35	56	103	176	228	377	42	45	9	5	14 300
\$4,000 to \$4,999	865	10	39	80	149	137	238	120	83	9	-	15 300
\$5,000 to \$5,999	1 010	22	31	88	190	194	326	105	34	5	15	14 700
\$6,000 to \$6,999	1 127	10	56	93	156	203	386	146	58	19	-	15 600
\$7,000 to \$9,999	5 769	63	102	295	611	958	2 388	929	337	57	29	16 800
\$10,000 to \$14,999	10 951	10	120	313	631	1 252	3 949	3 146	1 376	124	30	19 000
\$15,000 to \$24,999	5 795	11	8	37	186	451	1 625	1 537	1 327	499	114	21 900
\$25,000 or more	1 193	-	-	11	6	33	119	155	329	270	259	32 900
Median	\$11 000	\$2 900	\$4 600	\$6 100	\$7 200	\$9 000	\$10 700	\$12 500	\$14 300	\$20 200	\$29 000	...
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	3 764	25	58	124	198	386	1 184	886	691	161	51	19 600
1968	2 714	32	44	66	144	306	930	640	423	111	18	19 200
1967	2 405	-	32	115	133	198	757	666	382	94	28	19 800
1965 and 1966	4 360	-	41	121	246	524	1 307	1 091	739	207	84	19 800
1960 to 1964	6 554	66	118	280	439	748	2 341	1 502	765	185	130	18 700
1950 to 1959	7 022	71	148	285	806	1 164	2 561	1 108	581	219	79	17 000
1949 or earlier	4 694	164	246	542	841	868	1 425	373	167	27	41	14 100
<b>HEATING EQUIPMENT</b>												
Steam or hot water	1 490	5	15	37	104	207	345	285	245	139	108	20 600
Warm-air furnace	27 936	127	354	1 120	2 358	3 572	9 761	6 073	3 372	856	343	18 300
Built-in electric units	219	-	-	16	12	22	37	75	37	16	4	21 500
Floor, wall, or pipeless furnace	656	11	45	140	146	184	98	27	5	-	-	12 300
Other means	1 019	203	250	175	168	103	83	10	27	-	-	8 300
None	-	-	-	-	-	-	-	-	-	-	-	-
<b>AIR CONDITIONING</b>												
Room unit(s)	8 958	40	93	312	790	1 316	3 506	1 875	812	154	60	17 800
Central system	4 828	-	-	15	30	113	853	1 459	1 425	656	277	24 800
None	17 727	318	594	1 186	1 987	2 765	6 146	2 932	1 511	194	94	16 600

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.

Table A-2. Gross Rent of Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
<b>Specified renter occupied<sup>1</sup></b>	<b>13 442</b>	<b>806</b>	<b>490</b>	<b>504</b>	<b>719</b>	<b>1 970</b>	<b>1 935</b>	<b>3 401</b>	<b>2 546</b>	<b>476</b>	<b>95</b>	<b>500</b>	<b>120</b>
<b>ROOMS</b>													
1 room	908	396	182	90	70	68	49	5	16	5	7	20	53
2 rooms	1 490	257	107	233	178	211	210	231	39	—	—	24	78
3 rooms	3 178	99	124	134	255	745	564	959	203	27	18	50	107
4 rooms	3 775	34	31	22	140	541	550	1 135	1 079	109	33	101	134
5 rooms	2 230	5	39	25	42	277	346	533	687	130	16	130	138
6 rooms	1 204	11	7	—	17	74	159	392	348	116	11	69	143
7 rooms	373	—	—	—	6	43	41	86	117	35	5	40	147
8 rooms or more	284	4	—	—	11	11	16	60	57	54	5	66	156
Median	3.8	1.5	2.1	2.2	2.9	3.4	3.8	3.9	4.4	5.2	—	4.9	—
<b>PERSONS</b>													
1 person	4 207	696	344	360	416	731	512	731	249	29	38	101	86
2 persons	3 903	77	95	116	181	651	599	1 103	783	66	47	185	124
3 persons	2 217	14	27	19	60	284	360	673	618	84	—	78	134
4 persons	1 625	10	7	—	46	181	230	475	476	158	5	37	140
5 persons	740	5	17	9	10	58	128	188	199	84	—	42	139
6 persons or more	750	4	—	—	6	65	106	231	221	55	5	57	141
Median	2.1	1.1	1.2	1.2	1.4	1.9	2.3	2.4	2.9	3.9	—	2.3	—
Units with roomers, boarders, or lodgers	538	10	8	5	10	79	69	132	171	44	—	10	139
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
<b>With all plumbing facilities</b>	<b>12 258</b>	<b>348</b>	<b>272</b>	<b>309</b>	<b>598</b>	<b>1 874</b>	<b>1 912</b>	<b>3 382</b>	<b>2 530</b>	<b>476</b>	<b>91</b>	<b>464</b>	<b>123</b>
0.50 or less	5 605	224	104	213	336	950	849	1 434	1 031	111	74	279	120
0.51 to 1.00	5 932	124	165	87	239	829	894	1 768	1 335	334	17	140	129
1.01 to 1.50	569	—	3	—	13	66	136	143	143	31	—	34	130
1.51 or more	152	—	—	9	10	29	33	37	21	—	—	13	113
<b>Lacking some or all plumbing facilities</b>	<b>1 184</b>	<b>458</b>	<b>218</b>	<b>195</b>	<b>121</b>	<b>96</b>	<b>23</b>	<b>19</b>	<b>16</b>	<b>—</b>	<b>4</b>	<b>34</b>	<b>33</b>
0.50 or less	466	107	89	78	87	40	18	14	10	—	—	23	63
0.51 to 1.00	654	331	117	106	23	51	5	5	6	—	4	6	50
1.01 to 1.50	30	14	—	—	11	—	—	—	—	—	—	5	—
1.51 or more	34	6	12	11	—	5	—	—	—	—	—	—	—
<b>BEDROOMS</b>													
None	1 052	369	127	118	148	118	83	—	20	—	28	41	61
1	5 125	234	189	492	451	1 078	1 112	1 237	207	—	20	105	101
2	4 650	62	43	28	198	477	721	1 290	591	63	40	137	137
3 or more	2 605	18	64	—	18	200	257	652	995	209	—	192	150
<b>YEAR STRUCTURE BUILT</b>													
1969 to March 1970	792	135	43	5	9	24	49	296	164	60	—	7	133
1965 to 1968	2 070	6	—	10	—	40	153	789	825	121	65	61	150
1960 to 1964	630	8	3	—	15	38	57	177	227	72	7	26	151
1950 to 1959	987	11	24	8	26	50	116	230	387	72	5	58	150
1940 to 1949	830	24	6	7	25	82	158	295	171	12	—	50	129
1939 or earlier	8 133	622	414	474	644	1 736	1 402	1 614	772	139	18	298	100
<b>ELEVATOR IN STRUCTURE</b>													
4 floors or more	352	78	72	56	—	17	107	—	—	—	22	—	—
With elevator	318	78	38	56	—	17	107	—	—	—	22	—	—
Walk-up	34	—	34	—	—	—	—	—	—	—	—	—	—
1 to 3 floors	13 080	605	351	582	815	1 856	2 066	3 179	2 813	272	66	475	120
<b>COMPLETE BATHROOMS</b>													
1 and 1/2	11 656	324	257	306	539	1 860	1 827	3 401	2 285	446	16	395	125
2 or more	437	7	—	—	—	—	5	43	118	101	71	92	200
None or also used by another household	1 356	501	239	170	173	137	31	49	28	—	—	28	57
<b>INCOME IN 1969</b>													
Less than \$2,000	2 067	373	131	154	187	387	198	341	181	41	7	67	87
\$2,000 to \$2,999	890	134	72	63	69	144	111	100	102	26	11	58	92
\$3,000 to \$3,999	982	48	62	50	75	195	176	239	73	30	5	29	105
\$4,000 to \$4,999	994	47	30	48	89	183	169	282	93	18	—	35	110
\$5,000 to \$5,999	926	27	45	32	46	220	161	250	103	10	—	32	110
\$6,000 to \$6,999	1 123	59	58	38	88	199	171	295	135	25	—	55	111
\$7,000 to \$9,999	2 973	85	69	85	95	368	501	893	704	92	5	76	128
\$10,000 to \$14,999	2 615	21	23	29	45	215	413	749	839	145	35	101	140
\$15,000 to \$24,999	742	12	—	—	20	53	35	235	271	69	15	32	150
\$25,000 or more	130	—	—	5	—	6	—	17	45	20	17	15	177
Median	\$6 800	\$2 200	\$3 700	\$3 700	\$4 300	\$5 300	\$6 900	\$7 700	\$9 500	\$9 900	—	\$6 500	—
<b>YEAR MOVED INTO UNIT</b>													
1969 to March 1970	7 483	416	225	198	353	910	1 031	2 271	1 547	374	13	145	127
1968	1 761	58	66	86	47	236	258	402	468	68	25	47	128
1967	1 059	44	21	46	59	187	164	225	204	45	7	57	118
1965 and 1966	1 280	69	65	38	64	224	184	335	102	33	32	114	111
1960 to 1964	992	95	74	51	75	263	102	183	63	14	10	62	89
1950 to 1959	593	122	21	49	40	121	91	63	40	6	—	40	85
1949 or earlier	281	28	24	8	54	56	33	14	7	—	—	50	81
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>													
Less than 10 percent	1 021	205	92	81	70	206	110	163	79	15	—	—	85
10 to 14 percent	2 246	81	119	89	146	363	467	585	354	30	—	—	114
15 to 19 percent	2 450	78	36	57	107	381	399	673	650	64	12	—	127
20 to 24 percent	1 892	78	52	36	90	183	247	596	520	85	5	—	133
25 to 34 percent	1 934	137	64	54	72	279	265	537	409	111	6	—	125
35 percent or more	3 289	216	119	178	228	512	447	832	519	171	67	—	118
Not computed	610	11	8	9	6	46	—	15	—	—	—	—	87
<b>AIR CONDITIONING</b>													
Room unit(s)	2 822	44	15	62	98	323	388	811	697	187	6	191	134
Central system	1 618	15	9	—	7	33	84	574	636	144	71	45	155
None	9 009	773	472	414	607	1 641	1 391	2 108	1 098	216	10	279	107

<sup>1</sup>Excludes one-family homes on 10 acres or more.

Table A-3. Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970

(Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

The SMSA	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (dollars)
<b>Owner occupied housing units</b>	<b>36 532</b>	<b>2 922</b>	<b>1 630</b>	<b>1 434</b>	<b>1 172</b>	<b>1 294</b>	<b>1 434</b>	<b>6 839</b>	<b>12 158</b>	<b>6 354</b>	<b>1 315</b>	<b>10 600</b>
<b>ROOMS</b>												
1 and 2 rooms	214	39	13	20	17	-	11	47	38	24	5	7 400
3 rooms	866	213	102	72	61	63	42	185	99	24	5	4 800
4 rooms	5 504	723	465	403	322	326	297	1 228	1 326	388	26	7 500
5 rooms	13 187	1 012	578	458	334	448	513	2 734	4 961	1 947	202	10 500
6 rooms	8 798	547	279	286	226	226	323	1 614	3 188	1 764	306	11 300
7 rooms or more	7 983	388	193	195	173	231	248	1 031	2 546	2 207	771	13 000
<b>PERSONS</b>												
1 person	4 242	1 803	590	405	298	172	212	434	210	79	39	2 500
2 persons	10 817	798	871	788	547	671	551	2 003	2 761	1 538	289	8 800
3 and 4 persons	12 701	227	104	159	289	316	456	2 762	5 241	2 602	545	11 900
5 persons	4 434	46	22	50	14	54	141	815	2 042	1 066	184	12 600
6 persons or more	4 358	48	43	32	24	81	74	825	1 904	1 069	258	12 800
Units with roomers, boarders, or lodgers	685	136	49	42	29	37	23	147	158	49	15	7 500
<b>BEDROOMS</b>												
Less than 3	12 049	1 578	907	948	601	590	796	2 688	2 744	1 023	174	7 700
3	18 580	1 010	396	377	433	378	569	3 733	7 567	3 332	785	11 600
4 or more	5 923	272	157	183	147	144	148	713	1 729	1 880	550	13 500
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	1 210	20	25	5	21	16	69	295	483	223	53	11 600
1960 to 1968	9 807	249	135	169	203	152	234	1 579	4 412	2 245	429	12 500
1950 to 1959	8 878	406	245	204	237	249	331	1 860	3 251	1 771	324	11 400
1949 or earlier	16 657	2 247	1 225	1 056	711	877	800	3 105	4 012	2 115	509	8 400
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	4 652	178	92	60	154	137	245	1 025	1 793	825	140	11 200
1968	3 138	107	77	78	34	105	85	671	1 328	544	109	11 600
1960 to 1967	14 856	697	381	398	323	408	462	2 833	5 807	3 042	565	11 700
1959 or earlier	13 906	1 944	1 144	941	657	744	592	2 225	3 262	1 968	429	8 300
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine	29 066	1 373	860	884	775	758	1 009	5 752	10 412	5 777	1 466	11 500
Clothes dryer	26 780	916	516	744	594	694	822	5 563	9 989	5 518	1 424	11 800
Dishwasher	8 336	229	81	96	102	143	150	986	3 256	2 372	921	13 700
Home food freezer	14 834	648	390	474	349	475	479	2 885	5 076	3 160	898	11 700
Owned second home	1 782	76	21	121	18	41	97	238	524	409	237	12 700
With air conditioning	15 329	723	484	478	425	527	411	2 327	5 371	3 667	934	12 100
Room unit(s)	10 255	589	401	398	343	408	286	1 762	3 753	1 958	357	11 300
Central system	5 074	134	85	80	82	119	105	565	1 618	1 709	577	14 200
Automobiles available:												
1	16 285	1 346	939	934	871	978	894	3 731	4 722	1 701	169	8 800
2	14 800	197	177	163	137	219	367	2 619	6 419	3 774	728	12 700
3 or more	2 563	45	19	14	6	20	42	299	906	869	343	14 600
<b>Renter occupied housing units</b>	<b>14 303</b>	<b>2 091</b>	<b>941</b>	<b>1 029</b>	<b>1 037</b>	<b>1 037</b>	<b>1 193</b>	<b>3 175</b>	<b>2 806</b>	<b>836</b>	<b>156</b>	<b>6 900</b>
<b>ROOMS</b>												
1 room	908	285	98	85	76	35	112	176	41	-	-	3 800
2 rooms	1 496	474	134	135	157	120	113	198	140	25	-	4 000
3 rooms	3 187	624	293	386	276	243	268	572	444	70	11	5 100
4 rooms	3 848	387	210	187	252	236	326	972	951	275	52	8 000
5 rooms	2 392	214	115	130	145	194	157	576	615	203	43	8 300
6 rooms or more	2 472	107	91	106	131	209	219	681	615	263	50	8 600
<b>PERSONS</b>												
1 person	4 258	1 365	443	433	343	253	399	662	306	50	4	3 700
2 persons	4 099	434	284	295	322	370	231	873	864	320	106	7 400
3 and 4 persons	4 134	244	181	225	254	255	412	1 121	1 117	294	31	8 300
5 persons	871	22	11	34	50	88	55	247	274	85	5	9 100
6 persons or more	941	26	22	42	68	71	98	272	245	87	10	8 600
Units with roomers, boarders, or lodgers	551	147	41	59	80	73	41	82	28	-	-	4 400
<b>BEDROOMS</b>												
None	1 052	329	111	94	160	17	86	140	115	-	-	3 900
1	5 164	1 087	615	513	432	410	372	913	693	129	-	4 800
2	4 860	504	357	271	225	361	348	1 086	1 256	361	91	8 000
3 or more	3 227	189	26	134	238	183	212	983	802	364	96	8 900
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	792	159	77	65	24	40	35	218	148	26	-	6 900
1960 to 1968	2 741	259	112	93	134	81	226	629	821	292	94	9 200
1950 to 1959	1 032	88	35	39	70	56	54	264	307	114	5	9 000
1949 or earlier	9 738	1 585	717	832	809	860	880	2 064	1 530	404	57	6 100
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	7 715	1 015	512	595	619	633	672	1 745	1 496	380	48	6 700
1968	1 890	192	41	63	108	100	173	535	512	138	28	8 500
1960 to 1967	3 602	631	234	236	204	310	310	795	643	218	48	6 700
1959 or earlier	1 096	265	88	114	106	61	103	130	139	69	21	4 800
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>												
Specified renter occupied <sup>1</sup>	13 442	2 067	890	982	994	926	1 123	2 973	2 615	742	130	6 800
Less than 15 percent	3 267	-	12	23	63	85	206	758	1 373	637	110	11 800
15 to 19 percent	2 450	5	48	47	76	174	284	918	835	58	5	8 900
20 to 24 percent	1 892	32	58	91	152	209	258	856	231	5	-	7 500
25 to 34 percent	1 934	113	140	285	396	341	274	339	46	-	-	5 100
35 percent or more	3 289	1 740	574	507	272	85	46	26	29	10	-	2000-
Not computed	610	177	58	29	35	32	55	76	101	32	15	5 200
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine	5 223	412	192	317	484	260	302	1 446	1 293	442	75	8 300
Clothes dryer	4 771	286	87	300	380	263	391	1 396	1 169	424	75	8 500
Dishwasher	975	59	-	108	76	19	81	164	307	198	39	10 900
Home food freezer	1 689	130	85	62	43	77	235	396	452	141	48	8 500
Owned second home	380	17	-	-	-	-	-	60	224	19	-	-
With air conditioning	4 550	370	174	286	305	235	285	1 130	1 235	427	103	8 600
Room unit(s)	2 918	205	124	156	194	167	229	743	810	243	47	8 600
Central system	1 632	165	50	130	111	56	56	387	425	184	56	8 800
Automobiles available:												
1	7 542	616	431	524	621	740	835	1 926	1 477	325	47	7 000
2	3 367	158	40	153	167	167	233	945	1 085	409	78	9 600
3 or more	556	36	45	32	27	38	39	133	131	55	20	8 400

<sup>1</sup>Excludes one-family homes on 10 acres or more.

Table A-4. Plumbing Facilities by Persons Per Room for Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA	With all plumbing facilities					Locking some or all plumbing facilities				
	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more
<b>Owner occupied housing units</b> .....	36 552	35 973	17 977	15 686	2 013	297	579	382	188	4
<b>PERSONS</b>										
1 person .....	4 242	4 000	3 994	6	--	--	242	242	--	--
2 persons .....	10 817	10 652	10 321	311	--	20	165	134	31	--
3 persons .....	6 160	6 094	2 769	3 289	15	21	66	6	60	--
4 persons .....	6 541	6 494	672	5 769	33	20	47	--	47	--
5 persons .....	4 434	4 407	221	3 959	208	19	27	--	22	--
6 persons or more .....	4 358	4 326	--	2 352	1 757	217	32	--	28	4
Median .....	3.0	3.0	2.0	4.2	6.4	7.5+	1.8	1.3	3.6	...
Units with roomers, boarders, or lodgers .....	685	673	330	293	30	20	12	--	12	--
<b>YEAR STRUCTURE BUILT</b>										
1949 to March 1970 .....	1 215	1 215	489	690	36	--	--	--	--	--
1945 to 1948 .....	4 339	4 332	1 685	2 328	277	42	7	7	--	--
1940 to 1944 .....	5 430	5 415	1 814	3 066	475	60	15	--	15	--
1950 to 1959 .....	8 933	8 900	3 946	4 231	647	76	33	6	27	--
1940 to 1949 .....	2 692	2 633	1 478	985	144	26	59	32	27	--
1939 or earlier .....	13 943	13 510	8 678	4 264	472	96	433	329	104	--
<b>INCOME IN 1969</b>										
Less than \$2,000 .....	2 922	2 715	2 425	277	13	--	207	187	20	--
\$2,000 to \$2,999 .....	1 430	1 561	1 404	132	25	--	69	48	16	--
\$3,000 to \$3,999 .....	1 434	1 371	1 193	148	21	9	63	45	18	--
\$4,000 to \$4,999 .....	1 172	1 120	878	227	10	5	52	48	--	4
\$5,000 to \$5,999 .....	1 294	1 254	907	312	35	--	40	15	25	--
\$6,000 to \$6,999 .....	1 434	1 396	834	516	46	--	38	18	20	--
\$7,000 to \$9,999 .....	6 839	6 800	2 881	3 312	525	82	39	10	29	--
\$10,000 to \$14,999 .....	12 158	12 102	4 088	6 987	905	122	56	11	45	--
\$15,000 to \$24,999 .....	6 354	6 339	2 678	3 200	392	69	15	--	15	--
\$25,000 or more .....	1 315	1 315	689	575	41	10	--	--	--	--
Median .....	\$10 600	\$10 700	\$8 400	\$12 100	\$11 800	\$12 200	\$3 200	\$2 100	\$6 800	...
<b>VALUE-INCOME RATIO</b>										
Specified owner occupied <sup>1</sup> .....	31 320	30 994	15 028	13 899	1 794	273	326	216	110	--
Less than 1.5 .....	10 248	10 140	3 976	5 211	812	141	108	37	71	--
1.5 to 1.9 .....	7 658	7 612	2 824	4 188	527	73	46	18	28	--
2.0 to 2.4 .....	4 780	4 755	1 934	2 546	237	38	25	19	6	--
2.5 to 2.9 .....	2 238	2 217	1 154	922	125	16	21	21	--	--
3.0 to 3.9 .....	1 869	1 836	1 270	511	50	5	33	28	5	--
4.0 or more .....	4 359	4 274	3 767	464	43	--	85	85	--	--
Not computed .....	168	160	103	57	--	--	8	8	--	--
<b>HEATING EQUIPMENT</b>										
Steam or hot water .....	1 879	1 873	1 002	791	58	22	6	--	6	--
Warm-air furnace .....	31 986	31 824	15 609	14 134	1 824	257	162	128	34	--
Built-in electric units .....	290	285	165	120	--	--	5	--	5	--
Floor, wall, or pipeless furnace .....	821	799	462	272	61	4	22	4	18	--
Other means .....	1 376	1 192	739	369	70	14	384	250	125	4
None .....	--	--	--	--	--	--	--	--	--	--
<b>Renter occupied housing units</b> .....	14 303	13 058	5 955	6 288	647	168	1 243	490	485	36
<b>PERSONS</b>										
1 person .....	4 258	3 305	3 015	290	--	--	953	420	533	--
2 persons .....	4 099	3 935	2 402	1 494	--	39	164	56	79	--
3 persons .....	2 360	2 312	440	1 833	39	--	48	8	36	4
4 persons .....	1 774	1 742	78	1 561	81	22	32	6	10	16
5 persons .....	871	843	20	718	80	25	28	--	23	5
6 persons or more .....	941	921	--	392	447	82	20	--	4	11
Median .....	2.2	2.3	1.5	3.2	6.0	5.4	1.2	1.1	1.1	...
Units with roomers, boarders, or lodgers .....	551	526	141	341	39	5	25	5	9	11
<b>YEAR STRUCTURE BUILT</b>										
1949 to March 1970 .....	801	793	388	383	14	8	8	--	8	--
1945 to 1948 .....	2 062	2 042	1 033	955	38	16	20	13	--	7
1940 to 1944 .....	457	457	243	363	51	--	--	--	--	--
1950 to 1959 .....	1 013	998	302	611	79	6	15	6	9	--
1940 to 1949 .....	874	838	280	504	34	20	38	17	8	7
1939 or earlier .....	8 894	7 692	3 545	3 542	464	141	1 202	474	672	18
<b>INCOME IN 1969</b>										
Less than \$2,000 .....	2 091	1 692	1 140	533	19	--	399	174	215	10
\$2,000 to \$2,999 .....	941	769	448	295	15	11	172	69	80	6
\$3,000 to \$3,999 .....	1 029	930	450	423	46	11	99	50	44	--
\$4,000 to \$4,999 .....	1 037	947	448	400	83	16	90	35	55	--
\$5,000 to \$5,999 .....	1 037	960	455	434	55	16	77	28	28	9
\$6,000 to \$6,999 .....	1 195	1 055	441	552	49	13	140	45	95	12
\$7,000 to \$9,999 .....	3 175	2 965	1 149	1 604	167	45	210	67	138	5
\$10,000 to \$14,999 .....	2 806	2 753	961	1 578	174	40	53	22	25	6
\$15,000 to \$24,999 .....	836	831	349	432	39	11	5	--	5	--
\$25,000 or more .....	156	156	114	37	--	5	--	--	--	--
Median .....	\$6 900	\$7 200	\$6 100	\$7 900	\$8 000	\$8 100	\$3 500	\$3 000	\$4 100	...
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
Specified renter occupied <sup>2</sup> .....	13 442	12 258	5 605	5 932	569	152	1 184	466	654	30
Less than 10 percent .....	1 021	771	366	368	27	10	250	62	184	4
10 to 14 percent .....	2 246	2 062	771	1 166	82	43	184	76	91	5
15 to 19 percent .....	2 450	2 336	914	1 270	124	28	114	36	78	--
20 to 24 percent .....	1 892	1 785	693	958	112	22	107	38	59	--
25 to 34 percent .....	1 934	1 826	900	828	67	31	108	48	52	6
35 percent or more .....	3 289	2 911	1 622	1 166	118	5	378	173	184	10
Not computed .....	610	567	339	176	39	13	43	32	6	5
<b>HEATING EQUIPMENT</b>										
Steam or hot water .....	2 827	2 522	1 358	1 073	40	51	305	94	211	--
Warm-air furnace .....	9 761	8 992	3 981	4 442	479	90	769	308	417	15
Built-in electric units .....	238	238	114	103	21	--	--	--	--	29
Floor, wall, or pipeless furnace .....	406	402	158	216	22	6	4	--	4	--
Other means .....	1 066	899	344	449	85	21	167	88	53	21
None .....	5	5	--	5	--	--	--	--	--	5

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property. <sup>2</sup>Excludes one-family homes on 10 acres or more.

Table A-5. Rooms in Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
<b>Owner occupied housing units</b>	36 532	82	132	866	5 504	13 187	8 798	4 360	3 623	5.4
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	35 730	87	72	740	5 287	13 072	8 681	4 260	3 531	5.4
<b>PERSONS</b>										
1 person	4 242	6	71	445	1 131	1 443	693	258	195	4.8
2 persons	10 817	20	46	294	2 736	3 824	2 361	918	616	5.1
3 persons	6 160	21	15	70	921	2 358	1 601	660	514	5.4
4 persons	6 541	20	—	33	441	2 709	1 686	980	672	5.5
5 persons	4 434	6	—	18	208	1 650	1 213	670	669	5.8
6 persons or more	4 358	9	—	4	67	1 203	1 244	874	957	6.2
Median	3.0	...	1.4	1.5	2.1	3.1	3.3	3.9	4.2	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
<b>With all plumbing facilities</b>	35 973	82	100	752	5 346	13 046	8 756	4 297	3 594	5.4
0.50 or less	17 977	—	50	375	3 753	5 185	4 624	1 794	2 196	5.4
0.51 to 1.00	15 686	6	35	327	1 318	6 662	3 616	2 360	1 362	5.4
1.01 to 1.50	2 013	—	15	33	260	1 073	468	128	36	5.2
1.51 or more	297	76	—	17	15	126	48	15	—	4.8
<b>Lacking some or all plumbing facilities</b>	579	—	32	114	158	141	42	63	29	4.4
0.50 or less	382	—	21	70	114	82	31	42	22	4.4
0.51 to 1.00	188	—	11	39	44	55	11	21	7	4.5
1.01 to 1.50	4	—	—	—	—	4	—	—	—	...
1.51 or more	5	—	—	5	—	—	—	—	—	...
<b>BEDROOMS</b>										
None and 1	1 744	50	220	594	780	60	—	18	22	3.5
2	10 305	—	—	240	4 548	4 230	979	290	18	4.6
3	18 580	—	—	—	267	8 206	6 942	2 271	894	5.6
4 or more	5 923	—	—	—	—	243	1 124	1 774	2 782	7.4
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	1 210	—	—	31	218	363	229	183	186	5.5
1960 to 1968	9 807	31	35	104	1 078	4 218	2 100	1 096	1 145	5.4
1950 to 1959	8 878	14	31	165	1 545	4 024	2 038	705	356	5.2
1949 or earlier	16 657	37	66	566	2 663	4 582	4 431	2 376	1 936	5.6
<b>COMPLETE BATHROOMS</b>										
1 and 1/2	30 562	68	65	738	5 155	12 189	7 450	3 034	1 863	5.3
2 or more	5 224	19	7	13	139	907	1 237	1 226	1 676	6.7
None or also used by another household	766	—	32	125	228	172	74	74	61	4.5
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b>	31 320	71	68	444	4 002	11 894	7 998	3 807	3 036	5.4
Less than 1.5	10 248	46	15	123	1 354	3 912	2 697	1 172	929	5.4
1.5 to 1.9	7 658	10	20	46	601	3 096	2 061	1 038	782	5.5
2.0 to 2.9	7 018	15	9	83	743	2 608	1 806	913	841	5.5
3.0 or more	6 228	—	24	179	1 294	2 213	1 380	658	480	5.2
Not computed	168	—	—	13	10	65	54	26	—	5.4
<b>Renter occupied housing units</b>	14 303	908	1 496	3 187	3 848	2 392	1 433	553	486	3.9
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	12 635	201	1 134	2 957	3 617	2 381	1 355	525	465	4.1
<b>PERSONS</b>										
1 person	4 258	823	1 182	1 425	547	207	55	9	10	2.6
2 persons	4 099	68	260	1 313	1 426	624	253	73	82	3.8
3 persons	2 360	—	43	303	1 059	507	311	69	68	4.3
4 persons	1 774	11	11	97	608	522	316	125	84	4.8
5 persons	871	6	—	19	85	310	239	137	75	5.6
6 persons or more	941	—	—	30	123	222	259	140	167	5.9
Median	2.2	1.1	1.1	1.6	2.5	3.2	3.8	4.5	4.5	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
<b>With all plumbing facilities</b>	13 058	346	1 146	3 030	3 781	2 336	1 413	541	465	4.0
0.50 or less	5 955	—	890	1 328	1 927	806	599	151	254	3.9
0.51 to 1.00	6 288	290	206	1 577	1 656	1 308	681	381	189	4.1
1.01 to 1.50	647	—	39	81	162	211	123	9	22	4.7
1.51 or more	168	56	11	44	36	11	10	—	—	2.9
<b>Lacking some or all plumbing facilities</b>	1 245	562	350	157	67	36	20	12	21	1.7
0.50 or less	490	—	292	97	46	25	20	—	10	2.3
0.51 to 1.00	685	533	54	39	11	31	—	12	5	1.1
1.01 to 1.50	36	—	4	16	10	—	—	—	6	...
1.51 or more	34	29	—	5	—	—	—	—	—	...
<b>BEDROOMS</b>										
None	1 052	797	193	62	—	—	—	—	—	1.2
1	5 164	—	1 168	2 986	967	43	—	—	—	3.0
2	4 860	—	—	197	3 097	1 351	1 355	37	23	4.2
3 or more	3 227	—	—	—	19	915	1 335	517	441	6.0
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	792	11	229	213	239	67	33	—	—	3.2
1960 to 1968	2 741	23	214	745	1 196	374	139	35	15	3.8
1950 to 1959	1 032	20	42	64	331	389	132	39	15	4.7
1949 or earlier	9 738	854	1 011	2 165	2 062	1 562	1 129	479	456	3.9
<b>COMPLETE BATHROOMS</b>										
1 and 1/2	12 329	359	1 169	2 944	3 510	2 255	1 249	486	357	4.0
2 or more	545	7	—	20	125	134	106	45	108	5.4
None or also used by another household	1 429	575	364	232	119	58	39	16	26	1.9
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b>	13 442	908	1 490	3 178	3 775	2 230	1 204	373	284	3.8
Less than 10 percent	1 021	179	167	171	240	114	119	16	15	3.5
10 to 14 percent	2 246	170	213	460	655	465	193	45	45	3.9
15 to 19 percent	2 450	107	167	528	829	455	281	62	21	4.0
20 to 24 percent	1 892	102	175	418	591	302	177	79	48	3.9
25 to 34 percent	1 934	73	204	541	543	288	187	63	35	3.8
35 percent or more	3 289	246	516	979	795	462	169	68	54	3.4
Not computed	610	31	48	81	122	144	78	40	66	4.7

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.

<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table A-6. Units in Structure for Owner and Renter Occupied Housing Units: 1970

(Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

The SMSA	Owner occupied				Renter occupied							Mobile home or trailer
	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	
All occupied housing units	36 552	33 811	1 285	1 456	14 303	5 187	2 213	1 935	1 799	1 739	1 384	44
<b>ROOMS</b>												
1 room	82	71	6	5	908	37	20	127	326	96	296	4
2 rooms	132	78	17	37	1 496	56	57	460	437	366	120	5
3 rooms	866	487	181	198	3 187	313	686	753	479	499	452	19
4 rooms	5 504	4 237	443	824	3 848	1 041	910	450	394	654	380	14
5 rooms	13 187	12 444	396	347	2 392	1 537	414	108	110	102	107	14
6 rooms	8 798	8 628	130	40	1 433	1 195	112	37	53	15	21	1
7 rooms	4 360	4 295	60	5	553	538	10	-	-	-	5	-
8 rooms or more	3 623	3 571	52	-	486	470	4	-	-	7	5	-
Median	5.4	5.5	4.5	4.1	3.9	5.2	3.9	3.0	2.8	3.3	3.1	-
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	35 973	33 327	1 204	1 442	13 058	5 004	2 128	1 619	1 402	1 599	1 262	44
0.50 or less	17 977	16 349	849	779	5 955	1 905	870	909	769	838	650	14
0.51 to 1.00	15 686	14 768	333	585	6 288	2 603	1 148	638	593	710	572	24
1.01 to 1.50	2 013	1 924	22	67	647	418	99	51	18	51	10	-
1.51 or more	297	286	-	11	168	78	11	21	22	-	30	4
Lacking some or all plumbing facilities	579	484	81	14	1 245	183	85	316	397	140	134	-
0.50 or less	382	317	56	9	490	90	47	179	110	64	-	-
0.51 to 1.00	188	163	20	5	685	58	38	131	269	65	124	-
1.01 to 1.50	4	4	-	-	36	30	-	6	-	-	-	-
1.51 or more	5	-	5	-	34	5	-	-	18	11	-	-
<b>BEDROOMS</b>												
None	50	21	29	-	1 052	62	108	138	383	116	245	-
1	1 694	912	487	295	5 164	682	1 062	1 110	914	809	587	-
2	10 305	8 689	572	1 044	4 840	1 994	878	487	484	690	298	39
3	18 580	18 036	375	169	2 451	1 954	147	45	117	62	126	-
4 or more	5 923	5 879	44	-	776	776	-	-	-	-	-	-
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	1 210	864	10	336	792	26	37	22	153	510	44	-
1965 to 1968	4 465	3 860	54	551	2 091	166	200	117	296	522	790	-
1960 to 1964	5 342	4 951	47	344	650	237	68	91	40	110	80	-
1950 to 1959	8 878	8 569	108	201	1 032	723	129	78	51	29	8	-
1940 to 1949	2 723	2 682	27	14	860	524	56	37	49	194	-	-
1939 or earlier	13 934	12 885	1 039	10	8 878	3 511	1 723	1 590	1 210	374	464	-
<b>INCOME IN 1969</b>												
Less than \$2,000	2 922	2 570	263	89	2 091	378	322	473	369	297	247	-
\$2,000 to \$2,999	1 630	1 405	173	52	941	271	128	162	153	139	82	-
\$3,000 to \$3,999	1 434	1 261	90	83	1 029	269	194	184	139	167	76	-
\$4,000 to \$4,999	1 172	987	63	122	1 037	307	199	167	148	111	105	-
\$5,000 to \$5,999	1 294	1 170	56	68	1 037	427	168	172	144	85	41	-
\$6,000 to \$6,999	1 434	1 275	49	110	1 195	482	155	130	154	153	121	-
\$7,000 to \$9,999	6 839	6 248	167	424	3 175	1 282	492	357	366	389	280	-
\$10,000 to \$14,999	12 158	11 447	256	455	2 806	1 271	450	230	256	307	273	-
\$15,000 to \$24,999	6 354	6 162	139	53	836	433	100	44	54	81	119	-
\$25,000 or more	1 315	1 286	29	-	156	67	5	16	16	10	42	-
Median	\$10 600	\$10 900	\$6 000	\$8 400	\$6 900	\$8 100	\$6 600	\$4 900	\$5 600	\$6 500	\$7 200	-
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	4 652	3 911	136	605	7 715	2 435	1 273	960	1 005	1 253	763	-
1968	3 138	2 802	71	265	1 890	667	300	257	235	167	264	-
1967	2 645	2 494	18	133	1 133	439	227	161	109	62	130	-
1965 and 1966	4 827	4 513	110	204	1 347	558	145	201	166	97	166	-
1960 to 1964	7 384	7 083	148	153	1 122	483	162	204	159	80	54	-
1950 to 1959	7 634	7 322	259	53	741	334	75	149	76	60	27	-
1949 or earlier	6 272	5 829	437	6	355	174	54	80	13	21	13	-
<b>GROSS RENT</b>												
Specified renter occupied <sup>1</sup>	...	...	...	...	13 442	4 326	2 213	1 935	1 799	1 739	1 384	44
Less than \$50	...	...	...	...	806	92	42	136	263	216	53	4
\$50 to \$59	...	...	...	...	490	53	64	114	101	42	116	-
\$60 to \$69	...	...	...	...	504	47	74	177	99	51	56	-
\$70 to \$79	...	...	...	...	719	171	124	209	126	57	32	-
\$80 to \$99	...	...	...	...	1 970	447	464	556	345	93	56	-
\$100 to \$119	...	...	...	...	1 935	666	521	341	253	151	99	-
\$120 to \$149	...	...	...	...	3 401	1 127	510	341	367	632	414	-
\$150 to \$199	...	...	...	...	2 546	1 131	294	135	180	394	406	-
\$200 to \$299	...	...	...	...	476	251	67	7	32	51	66	-
\$300 or more	...	...	...	...	95	9	-	-	7	7	65	-
No cash rent	...	...	...	...	500	332	53	10	26	45	23	-
Median	...	...	...	...	\$120	\$134	\$112	\$92	\$96	\$131	\$140	-
<b>HEATING EQUIPMENT</b>												
Steam or hot water	1 879	1 697	182	-	2 827	246	156	373	597	434	1 021	-
Warm-air furnace	31 986	29 721	1 009	1 256	9 761	3 857	1 882	1 442	1 093	1 152	317	-
Built-in electric units	290	281	-	9	238	33	8	10	37	102	48	-
Floor, wall, or pipeless furnace	821	729	36	56	406	237	72	25	37	23	-	-
Other means	1 576	1 383	58	135	1 066	814	90	85	35	28	-	-
None	-	-	-	-	5	-	5	-	-	-	-	-
<b>AIR CONDITIONING</b>												
Room unit(s)	10 255	9 430	389	436	2 918	1 086	312	357	363	345	447	-
Central system	5 074	4 922	89	63	1 632	106	194	66	263	493	510	-
None	21 223	19 602	701	920	9 753	3 898	1 730	1 589	1 137	902	460	-
<b>AUTOMOBILES AVAILABLE</b>												
1	16 285	14 943	536	806	7 542	2 719	1 288	1 096	856	916	654	-
2	14 800	14 064	254	482	3 367	1 553	484	284	298	396	329	-
3 or more	2 563	2 480	34	49	556	306	98	30	41	41	40	-
None	2 904	2 467	355	82	2 838	512	366	602	568	387	394	-

<sup>1</sup>Excludes one-family homes on 10 acres or more.

Table A-7. Household Composition for Owner and Renter Occupied Housing Units: 1970

(Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

The SMSA	Two-or-more-person households										One-person households	
	Total	Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years	65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
<b>Owner occupied housing units</b>	34 552	1 165	6 609	6 907	10 677	3 609	821	335	1 476	711	1 580	2 662
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	35 973	1 160	6 571	6 870	10 589	3 508	806	314	1 440	695	1 505	2 495
0.50 or less	17 977	479	1 295	1 125	6 034	3 048	429	279	727	567	1 499	2 495
0.51 to 1.00	15 686	652	4 581	4 731	4 132	406	343	31	686	118	6	--
1.01 to 1.50	2 013	29	615	919	348	27	21	4	40	10	--	--
1.51 or more	579	5	80	95	75	27	13	7	7	--	--	--
Lacking some or all plumbing facilities	382	5	38	37	88	101	15	21	16	14	75	167
0.50 or less	188	5	29	32	52	52	4	--	10	4	--	--
0.51 to 1.00	4	--	--	--	--	--	--	--	--	--	--	--
1.01 to 1.50	4	--	--	--	--	--	--	--	--	--	--	--
1.51 or more	5	--	--	5	--	--	--	--	--	--	--	--
<b>UNITS IN STRUCTURE</b>												
1	33 811	851	6 118	6 764	10 175	3 350	732	311	1 344	631	1 253	2 282
2 or more	1 285	47	63	91	317	152	23	24	57	80	118	313
Mobile home or trailer	1 456	267	428	52	185	107	66	--	75	--	209	67
<b>INCOME IN 1969</b>												
Less than \$2,000	2 922	33	30	56	164	413	26	61	181	155	272	1 531
\$2,000 to \$2,999	1 630	6	28	34	126	604	22	53	69	98	87	503
\$3,000 to \$3,999	1 434	20	16	50	161	564	19	39	82	73	155	250
\$4,000 to \$4,999	1 172	48	58	32	115	359	24	34	149	55	145	153
\$5,000 to \$5,999	1 294	56	96	82	235	308	31	20	187	107	143	29
\$6,000 to \$6,999	1 434	112	179	109	351	223	55	26	226	38	155	57
\$7,000 to \$9,999	6 839	326	1 650	1 196	2 115	458	181	43	349	87	373	61
\$10,000 to \$14,999	12 158	479	3 512	3 117	3 862	388	264	30	230	66	166	44
\$15,000 to \$24,999	6 354	79	946	1 879	2 879	189	158	29	84	32	60	19
\$25,000 or more	1 315	6	94	352	669	103	41	--	11	--	24	15
Median	\$10 600	\$9 800	\$11 800	\$13 000	\$12 700	\$4 600	\$11 000	\$4 400	\$6 500	\$4 500	\$5 900	\$2000--
<b>VALUE-INCOME RATIO</b>												
Specified owner occupied <sup>1</sup>	31 320	846	5 855	6 354	9 225	2 940	676	241	1 261	602	1 182	2 138
Less than 1.5	10 248	252	1 759	2 431	4 471	461	266	39	240	65	222	42
1.5 to 1.9	7 658	263	1 945	2 022	2 462	264	173	47	211	43	176	52
2.0 to 2.4	4 780	150	1 360	1 077	1 191	334	128	33	231	77	118	81
2.5 to 2.9	2 238	81	443	461	467	274	37	15	151	59	169	85
3.0 to 3.9	1 869	50	236	206	328	456	32	16	111	98	139	197
4.0 or more	4 359	45	106	157	284	1 144	31	91	271	260	324	1 646
Not computed	168	5	6	--	22	9	--	--	46	--	34	35
<b>Renter occupied housing units</b>	14 303	1 790	2 689	936	1 501	485	602	74	1 822	146	2 757	1 501
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	13 058	1 762	2 648	915	1 424	436	578	63	1 765	142	2 100	1 205
0.50 or less	5 955	491	592	144	685	207	232	14	501	74	1 887	1 128
0.51 to 1.00	6 288	1 177	1 805	623	640	214	305	42	1 129	63	213	77
1.01 to 1.50	647	78	207	124	71	10	20	7	125	5	--	--
1.51 or more	168	16	64	24	28	5	21	--	10	--	--	--
Lacking some or all plumbing facilities	1 245	28	21	21	77	49	24	11	57	4	657	296
0.50 or less	490	4	--	--	27	20	6	5	4	4	288	132
0.51 to 1.00	685	20	16	15	45	17	12	--	27	--	369	164
1.01 to 1.50	36	4	5	6	--	--	--	--	21	--	--	--
1.51 or more	34	--	--	--	5	12	6	6	5	--	--	--
<b>UNITS IN STRUCTURE</b>												
1	5 187	599	1 413	639	929	171	234	19	669	39	309	166
2 to 4	4 148	577	639	153	240	144	184	27	700	70	891	523
5 to 19	3 538	461	450	105	158	100	159	23	355	37	1 159	531
20 or more	1 386	139	178	34	169	70	19	5	98	--	398	276
Mobile home or trailer	44	14	9	5	5	--	6	--	--	--	--	5
<b>GROSS RENT</b>												
Specified renter occupied <sup>2</sup>	13 442	1 717	2 439	776	1 261	461	576	69	1 790	146	2 715	1 492
Less than \$50	806	13	5	6	6	35	16	6	18	5	397	299
\$50 to \$59	490	10	18	5	30	29	9	11	36	4	230	114
\$60 to \$69	504	15	17	--	17	43	13	6	28	5	244	116
\$70 to \$79	719	64	46	11	51	13	30	5	73	10	273	143
\$80 to \$99	1 970	267	195	91	129	95	109	6	297	50	486	245
\$100 to \$119	1 935	347	355	140	164	60	94	4	255	4	340	172
\$120 to \$149	3 401	607	762	189	314	63	140	14	563	18	535	196
\$150 to \$199	2 546	347	835	222	330	33	114	12	370	34	166	83
\$200 to \$299	25	11	124	50	74	25	42	--	115	6	4	25
\$300 or more	95	--	--	5	27	16	--	--	4	5	14	24
No cash rent	500	36	82	57	119	49	15	5	31	5	26	75
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>												
Specified renter occupied <sup>2</sup>	13 442	1 717	2 439	776	1 261	461	576	69	1 790	146	2 715	1 492
Less than \$5,000	4 933	351	157	38	136	275	177	31	1 091	102	1 255	1 320
Less than 20 percent	274	8	6	--	10	20	6	--	15	--	154	55
20 to 24 percent	333	28	4	--	6	5	6	--	26	5	184	69
25 to 34 percent	934	97	34	13	31	91	28	6	187	19	243	185
35 percent or more	3 093	192	113	25	74	138	127	25	807	67	609	916
Not computed	299	26	--	--	15	21	10	--	56	11	65	95
\$5,000 to \$9,999	5 022	877	1 020	321	492	112	294	22	574	34	1 179	97
Less than 20 percent	2 425	382	434	162	215	49	130	17	158	25	794	59
20 to 24 percent	1 323	298	361	77	120	6	54	--	158	9	223	17
25 to 34 percent	954	169	173	50	93	34	79	5	194	--	136	21
35 percent or more	157	17	15	4	5	4	31	--	55	--	26	--
Not computed	163	11	37	28	59	19	--	--	9	--	--	--
\$10,000 to \$14,999	2 615	407	990	268	393	35	105	5	101	5	237	69
Less than 20 percent	2 208	381	832	221	320	20	81	--	81	5	226	41
20 to 24 percent	231	21	108	25	26	6	15	--	20	--	4	6
25 percent or more	75	--	11	4	27	9	4	--	--	--	7	22
Not computed	101	5	39	18	20	5	5	--	--	--	--	--
\$15,000 or more	872	82	272	149	240	39	--	--	24	5	44	6
Less than 20 percent	810	77	266	133	210	39	--	--	24	--	44	6
20 to 24 percent	5	--	--	--	--	--	--	--	--	5	--	--
25 percent or more	10	--	--	5	5	--	--	--	--	--	--	--
Not computed	47	5	6	11	25	--	--	--	--	--	--	--

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property. <sup>2</sup>Excludes one-family homes on 10 acres or more.

Table A-8. Persons in Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
<b>Owner occupied housing units</b>	<b>36 552</b>	<b>4 242</b>	<b>10 817</b>	<b>6 160</b>	<b>6 541</b>	<b>4 434</b>	<b>2 549</b>	<b>1 122</b>	<b>467</b>	<b>3.8</b>
<b>BEDROOMS</b>										
None and 1	1 744	790	662	186	43	63	--	--	--	1.4
2	10 305	1 910	4 951	2 028	813	441	125	37	--	2.2
3	18 580	1 175	4 141	3 355	4 738	2 951	1 446	463	311	3.4
4 or more	5 923	288	899	613	1 044	1 106	913	568	492	4.6
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	1 210	47	327	266	286	192	49	26	17	3.4
1965 to 1968	4 465	172	981	776	1 166	781	369	120	100	3.8
1960 to 1964	5 342	265	1 073	889	1 372	916	486	208	133	3.8
1950 to 1959	8 878	666	2 664	1 642	1 679	1 123	698	265	141	3.2
1940 to 1949	2 723	417	940	556	340	243	134	69	24	2.5
1939 or earlier	13 934	2 675	4 832	2 031	1 698	1 179	833	434	252	2.4
<b>UNITS IN STRUCTURE</b>										
1	33 811	3 535	9 755	5 682	6 252	4 292	2 522	1 106	667	3.1
2 or more	1 285	431	489	173	103	72	11	6	--	1.9
Mobile home or trailer	1 456	276	573	305	186	70	36	10	--	2.3
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	30 562	3 779	9 578	5 292	5 326	3 385	1 926	816	460	2.9
2 and 2 1/2	4 773	150	937	698	1 057	886	606	266	173	4.1
3 or more	451	20	100	94	63	74	40	54	6	3.7
None or also used by another household	766	313	248	74	76	28	9	11	7	1.8
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b>	<b>32 310</b>	...	<b>10 817</b>	<b>6 160</b>	<b>6 541</b>	<b>4 434</b>	<b>2 549</b>	<b>1 122</b>	<b>467</b>	<b>3.4</b>
Male head, wife present, no nonrelatives	28 967	...	9 149	5 369	6 100	4 188	2 422	1 097	642	3.5
Under 25 years	1 165	...	363	463	260	45	19	5	10	3.0
25 to 34 years	6 609	...	671	1 185	2 308	1 390	722	233	100	4.1
35 to 44 years	6 907	...	507	715	1 736	1 769	1 202	620	358	4.3
45 to 64 years	10 677	...	4 569	2 644	1 684	937	460	221	162	2.8
65 years and over	3 609	...	3 039	362	112	47	19	18	12	2.1
Other male head	1 156	...	562	281	164	62	50	15	22	2.6
Under 65 years	821	...	302	230	145	62	50	10	10	3.0
65 years and over	335	...	260	51	19	--	--	5	2	2.1
Female head	2 187	...	1 106	510	277	184	97	10	3	2.5
Under 65 years	1 476	...	584	376	247	163	93	10	3	2.9
65 years and over	711	...	522	134	30	21	4	--	--	2.2
<b>One-person households</b>	<b>4 242</b>	<b>4 242</b>	...	...	...	...	...	...	...	<b>1.8</b>
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b>	<b>31 320</b>	<b>3 320</b>	<b>8 894</b>	<b>5 297</b>	<b>5 888</b>	<b>3 998</b>	<b>2 333</b>	<b>1 005</b>	<b>585</b>	<b>3.1</b>
Less than 1.5	10 248	264	2 666	2 141	2 124	1 384	957	431	281	3.5
1.5 to 1.9	7 658	228	1 779	1 445	1 754	1 241	756	280	175	3.7
2.0 to 2.4	4 780	199	1 247	797	1 115	877	357	133	55	3.6
2.5 to 2.9	2 238	254	642	415	405	282	105	79	56	3.0
3.0 to 3.9	1 869	336	787	245	261	122	77	31	10	2.3
4.0 or more	4 359	1 970	1 731	229	213	82	81	45	8	1.6
Not computed	168	69	42	25	16	10	--	6	--	1.9
<b>Renter occupied housing units</b>	<b>14 303</b>	<b>4 258</b>	<b>4 099</b>	<b>2 360</b>	<b>1 774</b>	<b>871</b>	<b>544</b>	<b>254</b>	<b>141</b>	<b>2.1</b>
<b>BEDROOMS</b>										
None	1 052	947	67	18	20	--	--	--	--	1.1
1	5 164	2 593	2 001	438	116	--	--	16	--	1.5
2	4 860	723	1 734	1 268	756	208	150	21	16	2.5
3 or more	3 227	133	394	629	743	596	456	218	58	4.1
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	792	289	271	101	89	33	9	--	--	1.9
1965 to 1968	2 091	527	849	400	216	52	47	--	--	2.1
1960 to 1964	650	126	185	149	74	79	32	--	--	2.4
1950 to 1959	1 032	137	219	244	283	76	43	19	5	3.2
1940 to 1949	860	198	214	182	148	53	29	18	18	2.6
1939 or earlier	8 878	2 981	2 361	1 284	964	578	386	217	107	2.1
<b>UNITS IN STRUCTURE</b>										
1	5 187	475	1 137	1 058	1 049	662	445	232	129	3.4
2	2 213	442	784	529	323	71	51	7	6	2.3
3 and 4	1 935	972	586	199	127	28	8	15	--	1.5
5 to 9	1 799	968	537	163	84	32	9	--	--	1.4
10 to 19	1 739	722	565	263	119	50	20	--	--	1.8
20 or more	1 386	674	475	140	56	28	13	--	--	1.5
Mobile home or trailer	44	5	15	8	16	--	--	--	--	...
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	12 329	3 170	3 688	2 232	1 659	774	466	209	131	2.3
2 or more	545	40	138	77	101	104	40	21	24	3.7
None or also used by another household	1 429	1 008	251	57	45	42	7	6	13	1.2
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b>	<b>10 045</b>	...	<b>4 099</b>	<b>2 360</b>	<b>1 774</b>	<b>871</b>	<b>544</b>	<b>254</b>	<b>141</b>	<b>2.1</b>
Male head, wife present, no nonrelatives	7 401	...	2 820	1 750	1 297	739	491	203	101	3.0
Under 25 years	1 790	...	834	668	199	52	23	9	5	2.6
25 to 34 years	2 689	...	679	620	701	406	191	73	19	3.6
35 to 44 years	936	...	165	116	203	135	168	89	60	4.4
45 to 64 years	1 501	...	753	293	173	140	97	32	13	2.5
65 years and over	485	...	389	53	21	6	12	--	4	2.1
Other male head	676	...	407	136	84	35	6	8	--	2.3
Under 65 years	602	...	360	115	78	35	6	8	--	2.3
65 years and over	74	...	47	21	6	6	6	--	--	2.3
Female head	1 968	...	872	474	393	97	9	--	--	...
Under 65 years	1 822	...	758	457	383	97	49	43	40	2.7
65 years and over	146	...	114	17	10	--	--	--	--	2.8
<b>One-person households</b>	<b>4 258</b>	<b>4 258</b>	...	...	...	...	...	...	...	<b>2.1</b>
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b>	<b>13 442</b>	<b>4 207</b>	<b>3 903</b>	<b>2 217</b>	<b>1 625</b>	<b>740</b>	<b>464</b>	<b>187</b>	<b>99</b>	<b>2.1</b>
Less than 10 percent	1 021	370	337	133	106	33	37	--	--	1.9
10 to 14 percent	2 246	474	784	398	325	160	187	--	--	2.3
15 to 19 percent	2 450	535	689	530	331	193	78	13	14	2.5
20 to 24 percent	1 892	503	504	329	269	148	67	36	8	2.4
25 to 34 percent	1 934	596	556	401	181	77	61	37	25	2.2
35 percent or more	3 289	1 569	815	344	367	87	47	31	29	1.6
Not computed	610	160	218	82	46	42	46	16	--	2.2

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.

<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table A-9. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA					The SMSA				
	Total	Less than 2 months	2 up to 6 months	6 months or more		Total	Less than 2 months	2 up to 6 months	6 months or more
<b>Vacant for sale</b> .....	451	245	124	82	<b>Vacant for rent</b> .....	1 739	1 155	445	139
<b>ROOMS</b>					<b>ROOMS</b>				
1 to 3 rooms .....	35	5	8	22	1 room .....	144	101	35	8
4 rooms .....	57	41	12	4	2 rooms .....	189	147	27	15
5 rooms .....	181	88	68	25	3 rooms .....	529	358	129	42
6 rooms .....	99	46	32	21	4 rooms .....	587	410	160	17
7 rooms or more .....	79	65	4	10	5 rooms .....	127	93	26	8
					6 rooms .....	117	23	63	31
					7 rooms or more .....	46	23	5	18
<b>PLUMBING FACILITIES</b>					<b>PLUMBING FACILITIES</b>				
With all plumbing facilities .....	413	240	101	72	With all plumbing facilities .....	1 446	994	360	92
Lacking some or all plumbing facilities .....	38	5	23	10	Lacking some or all plumbing facilities .....	293	161	85	47
<b>BEDROOMS</b>					<b>BEDROOMS</b>				
None and 1 .....	81	20	13	48	None .....	107	75	16	16
2 .....	134	94	40	21	1 .....	797	501	233	63
3 .....	195	114	55	26	2 .....	469	326	130	13
4 or more .....	60	41	19	—	3 or more .....	247	118	82	47
<b>YEAR STRUCTURE BUILT</b>					<b>YEAR STRUCTURE BUILT</b>				
1969 to March 1970 .....	102	67	28	7	1969 to March 1970 .....	231	99	117	15
1960 to 1968 .....	91	64	17	10	1960 to 1968 .....	433	367	59	7
1950 to 1959 .....	77	34	33	10	1950 to 1959 .....	60	38	18	4
1949 or earlier .....	181	80	46	55	1949 or earlier .....	1 015	651	251	113
<b>UNITS IN STRUCTURE</b>					<b>UNITS IN STRUCTURE</b>				
1 .....	435	240	121	74	1 .....	340	173	111	56
2 or more .....	16	5	3	8	2 to 4 .....	487	357	82	48
					5 to 9 .....	373	204	155	14
					10 to 19 .....	324	270	36	18
					20 or more .....	215	151	61	3
<b>HEATING EQUIPMENT</b>					<b>RENT ASKED</b>				
Steam or hot water .....	8	8	—	—	<b>Specified vacant for rent<sup>2</sup></b> .....	1 703	1 138	436	129
Warm-air furnace .....	426	229	120	77	Less than \$50 .....	193	120	55	18
Built-in electric units .....	—	—	—	—	\$50 to \$59 .....	77	50	27	—
Floor, wall, or pipeless furnace .....	4	4	—	—	\$60 to \$79 .....	240	115	99	26
Other means .....	13	4	4	5	\$80 to \$99 .....	285	196	50	39
None .....	—	—	—	—	\$100 to \$119 .....	242	197	36	9
					\$120 to \$149 .....	197	136	36	9
					\$150 to \$199 .....	415	318	85	12
					\$200 or more .....	217	126	84	7
					Median rent asked .....	34	16	—	18
<b>SALES PRICE ASKED</b>					Median price asked .....	\$105	\$109	\$95	\$91
<b>Specified vacant for sale<sup>1</sup></b> .....	409	228	117	64					
Less than \$5,000 .....	27	—	13	14					
\$5,000 to \$9,999 .....	37	14	8	15					
\$10,000 to \$14,999 .....	75	32	33	10					
\$15,000 to \$19,999 .....	106	71	28	7					
\$20,000 to \$24,999 .....	82	49	15	18					
\$25,000 to \$34,999 .....	61	43	18	—					
\$35,000 to \$49,999 .....	17	15	2	—					
\$50,000 or more .....	4	4	—	—					
Median price asked .....	\$18 100	\$19 800	\$15 800	...					

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property. <sup>2</sup>Excludes one-family homes on 10 acres or more.

Table A-10. Sales Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1970

[Data based on sample, see text. For meaning of symbols, see text]

The SMSA	Sales price asked—Vacant for sale <sup>1</sup>							Rent asked—Vacant for rent <sup>2</sup>						
	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
<b>Total</b> .....	409	64	75	106	82	61	21	1 703	270	240	285	657	217	34
<b>PLUMBING FACILITIES</b>														
With all plumbing facilities .....	383	35	60	84	102	62	40	1 348	89	155	168	674	185	77
Lacking some or all plumbing facilities .....	34	34	—	—	—	—	—	227	103	78	46	—	—	—
<b>BEDROOMS</b>														
None and 1 .....	68	48	—	20	—	—	—	904	109	186	170	380	59	—
2 .....	114	—	60	13	21	—	20	437	55	32	28	249	73	—
3 .....	175	21	—	32	81	41	—	160	28	15	16	16	38	47
4 or more .....	60	—	—	19	—	21	20	74	—	—	—	29	15	30
<b>YEAR STRUCTURE BUILT</b>														
1969 to March 1970 .....	102	—	—	24	33	26	19	231	30	17	4	96	72	12
1960 to 1968 .....	87	—	4	28	23	30	2	433	13	—	26	287	107	—
1950 to 1959 .....	69	10	18	19	17	5	—	60	4	14	10	24	4	4
1949 or earlier .....	151	54	53	35	9	—	—	979	223	209	245	250	34	18
<b>UNITS IN STRUCTURE</b>														
1 .....	...	...	...	...	...	...	...	304	82	54	54	92	10	12
2 to 4 .....	...	...	...	...	...	...	...	487	41	99	134	171	37	5
5 to 19 .....	...	...	...	...	...	...	...	697	142	87	97	260	94	17
20 or more .....	...	...	...	...	...	...	...	215	5	—	—	134	76	—
<b>INCLUSION OF UTILITIES IN RENT</b>														
All utilities included .....	...	...	...	...	...	...	...	556	164	147	119	106	10	10
Some or no utilities included .....	...	...	...	...	...	...	...	1 147	106	93	166	551	207	24

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property. <sup>2</sup>Excludes one-family homes on 10 acres or more.

**Table B-1. Value of Owner Occupied Housing Units: 1970**

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Cedar Rapids	Total	Less than	\$5,000 to	\$7,500 to	\$10,000 to	\$12,500 to	\$15,000 to	\$20,000 to	\$25,000 to	\$35,000 to	\$50,000 or more	Median (dollars)
		\$5,000	\$7,499	\$9,999	\$12,499	\$14,999	\$17,999	\$24,999	\$34,999	\$49,999		
<b>Specified owner occupied<sup>1</sup></b>	<b>23 035</b>	<b>109</b>	<b>322</b>	<b>1 012</b>	<b>2 037</b>	<b>3 176</b>	<b>7 847</b>	<b>4 593</b>	<b>2 710</b>	<b>834</b>	<b>393</b>	<b>18 188</b>
<b>ROOMS</b>												
1 and 2 rooms	97	8	10	5	18	22	29	5	--	--	--	--
3 rooms	290	14	42	71	70	54	30	4	5	--	--	10 600
4 rooms	2 906	11	89	244	594	668	1 013	222	49	16	--	14 400
5 rooms	8 762	52	130	420	738	1 313	3 680	1 839	528	50	12	17 500
6 rooms	6 106	15	41	195	458	779	2 058	1 500	862	146	52	18 800
7 rooms	2 772	--	3	55	115	272	749	597	618	282	81	21 600
8 rooms or more	2 102	9	7	22	44	68	288	428	648	340	248	27 900
Median	5.4	4.9	4.7	4.9	5.0	5.1	5.3	5.7	6.4	7.2	7.5+	--
<b>PERSONS</b>												
1 person	2 556	48	130	309	503	442	698	251	118	34	23	14 100
2 persons	6 715	30	92	350	790	989	2 339	1 211	617	216	81	17 500
3 persons	3 987	21	39	141	292	575	1 371	790	533	127	98	18 300
4 persons	4 164	5	39	125	177	470	1 481	1 036	564	187	80	19 300
5 persons	2 843	5	--	36	120	361	1 028	672	417	178	26	19 400
6 persons or more	2 770	--	22	51	155	339	930	635	461	92	85	19 400
Median	3.1	1.7	1.8	2.1	2.2	2.8	3.1	3.5	3.7	3.7	3.4	--
Units with roomers, boarders, or lodgers	444	--	9	23	44	80	169	80	21	9	9	17 400
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b>	<b>22 928</b>	<b>81</b>	<b>288</b>	<b>966</b>	<b>2 022</b>	<b>3 172</b>	<b>7 847</b>	<b>4 593</b>	<b>2 710</b>	<b>834</b>	<b>393</b>	<b>18 188</b>
0.50 or less	11 458	55	190	652	1 368	1 582	3 596	1 971	1 278	497	269	18 188
0.51 to 1.00	10 000	16	78	301	511	1 321	3 611	2 378	1 323	337	124	17 500
1.01 to 1.50	1 289	10	20	27	116	231	558	223	104	--	--	18 800
1.51 or more	181	--	--	6	27	38	82	23	5	--	--	17 100
<b>Lacking some or all plumbing facilities</b>	<b>107</b>	<b>28</b>	<b>34</b>	<b>26</b>	<b>15</b>	<b>4</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>16 700</b>
0.50 or less	92	28	30	20	10	4	--	--	--	--	--	6 900
0.51 to 1.00	15	--	4	6	5	--	--	--	--	--	--	--
1.01 to 1.50	--	--	--	--	--	--	--	--	--	--	--	--
1.51 or more	--	--	--	--	--	--	--	--	--	--	--	--
<b>BEDROOMS</b>												
None and 1	550	56	42	89	184	139	20	20	--	--	--	11 200
2	6 317	41	249	413	1 052	1 298	2 139	716	300	64	45	15 200
3	12 458	23	112	281	853	1 272	4 379	3 698	1 489	289	62	19 200
4 or more	3 625	--	--	104	55	148	943	767	772	453	383	23 700
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	528	--	--	--	--	--	112	219	122	50	25	23 500
1965 to 1968	2 478	--	--	12	5	20	457	870	814	251	54	24 300
1960 to 1964	3 092	--	--	5	15	144	1 113	1 041	490	163	121	21 300
1950 to 1959	6 351	5	31	49	268	873	2 757	1 424	681	213	50	18 500
1940 to 1949	2 089	30	23	88	174	364	868	313	189	15	25	16 800
1939 or earlier	8 497	74	268	858	1 580	1 775	2 540	728	414	142	118	14 600
<b>COMPLETE BATHROOMS</b>												
1 and 1 1/2	19 460	74	266	947	1 947	3 050	7 574	3 758	1 568	232	44	17 200
2 and 2 1/2	3 090	--	--	36	12	206	425	625	1 117	487	182	27 200
3 or more	316	--	--	--	--	7	7	--	72	95	135	46 400
None or also used by another household	237	23	53	58	69	14	14	6	--	--	--	9 300
<b>HOUSEHOLD COMPOSITION</b>												
<b>Two-or-more-person households</b>	<b>20 479</b>	<b>61</b>	<b>192</b>	<b>703</b>	<b>1 534</b>	<b>2 734</b>	<b>7 149</b>	<b>4 344</b>	<b>2 592</b>	<b>806</b>	<b>376</b>	<b>18 900</b>
Male head, wife present, no nonrelatives	18 344	46	136	569	1 257	2 378	6 401	4 063	2 410	742	344	18 800
Under 25 years	617	15	--	11	56	100	314	90	25	6	6	16 700
25 to 34 years	3 889	10	19	72	180	456	1 376	1 149	537	67	23	19 400
35 to 44 years	4 572	10	23	42	178	468	1 560	1 133	774	282	106	20 000
45 to 64 years	7 102	15	71	277	570	971	2 369	1 404	884	361	180	18 500
65 years and over	2 166	5	23	167	273	383	782	287	190	26	35	16 500
Other male head	685	5	9	33	63	133	217	82	96	21	16	17 800
Under 65 years	516	--	17	28	98	165	66	96	21	--	--	16 700
65 years and over	169	5	10	16	35	35	52	16	16	--	--	17 800
Female head	1 448	10	37	101	214	223	531	199	86	37	10	13 800
Under 65 years	988	--	33	81	139	141	375	130	61	28	10	16 200
65 years and over	460	10	4	20	75	82	156	69	25	9	10	16 400
<b>One-person households</b>	<b>2 556</b>	<b>48</b>	<b>130</b>	<b>309</b>	<b>503</b>	<b>442</b>	<b>698</b>	<b>251</b>	<b>118</b>	<b>34</b>	<b>23</b>	<b>14 100</b>
Under 65 years	986	18	30	63	184	156	346	117	69	3	3	15 500
65 years and over	1 570	30	100	246	319	286	352	134	49	34	20	13 300
<b>INCOME IN 1969</b>												
Less than \$2,000	1 631	58	78	252	322	260	456	153	44	5	3	13 500
\$2,000 to \$2,999	899	5	53	98	171	188	260	71	34	19	--	14 100
\$3,000 to \$3,999	829	9	33	83	148	159	311	27	45	9	5	14 700
\$4,000 to \$4,999	633	--	7	55	129	99	205	71	58	9	--	15 600
\$5,000 to \$5,999	759	6	21	62	134	166	264	67	29	--	--	14 900
\$6,000 to \$6,999	765	--	41	42	94	141	275	116	37	19	10	16 100
\$7,000 to \$9,999	4 152	19	35	192	438	793	1 770	631	207	46	21	16 500
\$10,000 to \$14,999	7 975	--	46	195	475	987	2 972	2 195	993	82	30	18 900
\$15,000 to \$24,999	4 406	6	8	27	120	367	1 235	1 144	1 001	402	96	21 900
\$25,000 or more	986	6	--	6	6	16	99	120	262	243	34	24 200
Median	\$11 200	\$2000-	\$3 900	\$5 300	\$7 100	\$9 200	\$10 600	\$12 600	\$14 500	\$20 700	\$29 800	--
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	2 712	6	32	67	121	326	954	597	453	123	33	19 100
1968	1 911	11	24	48	72	266	733	374	291	81	11	18 800
1967	1 728	--	20	101	101	146	512	441	299	80	28	19 900
1965 and 1966	3 061	--	34	70	146	373	921	707	560	172	78	19 900
1960 to 1964	4 680	25	38	125	299	547	1 782	1 031	560	161	112	18 800
1950 to 1959	5 302	11	37	209	632	902	1 927	903	446	177	58	17 100
1949 or earlier	3 709	44	134	421	657	717	1 191	336	148	20	41	14 600
<b>HEATING EQUIPMENT</b>												
Steam or hot water	1 081	--	5	27	89	166	272	169	150	110	93	19 700
Warm-air furnace	21 098	67	186	790	1 726	2 839	7 514	4 412	2 544	724	294	18 300
Built-in electric units	57	5	16	12	--	--	5	--	11	--	--	--
Floor, wall, or pipeless furnace	350	--	24	75	104	111	31	--	--	--	--	--
Other means	449	37	107	104	106	60	25	5	5	--	--	9 400
None	--	--	--	--	--	--	--	--	--	--	--	--
<b>AIR CONDITIONING</b>												
Room unit(s)	6 837	18	49	241	562	1 115	2 702	1 345	619	140	46	17 700
Central system	3 835	--	--	8	18	69	715	1 108	1 129	562	226	25 000
None	12 431	79	270	792	1 448	2 093	4 603	1 936	1 009	112	89	16 500

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.

Table B-2. Gross Rent of Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Cedar Rapids	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
<b>Specified renter occupied<sup>1</sup></b>	10 947	707	427	441	543	1 610	1 540	2 833	2 018	407	77	344	120
<b>ROOMS</b>													
1 room	872	390	173	85	64	58	49	5	16	5	7	20	52
2 rooms	1 265	224	103	210	161	196	178	135	34	—	—	24	75
3 rooms	2 717	62	99	108	180	645	505	880	182	27	—	29	110
4 rooms	3 012	20	22	13	94	421	427	973	841	109	33	59	135
5 rooms	1 693	—	30	25	27	203	253	415	521	109	16	94	139
6 rooms	942	11	—	—	—	58	91	316	300	104	11	45	147
7 rooms	267	—	—	—	—	23	32	68	77	30	5	26	146
8 rooms or more	179	—	—	—	—	5	6	41	47	23	5	47	160
Median	3.7	1.4	1.9	2.1	2.8	3.4	3.6	3.9	4.4	5.1	...	4.9	...
<b>PERSONS</b>													
1 person	3 660	629	311	320	340	650	463	601	219	29	24	74	85
2 persons	3 267	59	77	97	148	531	488	988	638	57	43	141	125
3 persons	1 671	14	22	19	34	228	255	506	471	78	—	44	134
4 persons	1 303	5	7	—	21	127	160	412	385	144	5	37	143
5 persons	511	—	10	5	—	40	76	134	136	66	—	22	140
6 persons or more	535	—	—	—	—	34	76	192	169	33	5	26	143
Median	2.0	1.1	1.2	1.2	1.3	1.8	2.1	2.3	2.8	3.8	...	2.2	...
Units with roomers, boarders, or lodgers	479	10	8	—	10	60	69	132	141	44	—	5	138
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
<b>With all plumbing facilities</b>	9 956	301	236	261	449	1 534	1 527	2 829	2 014	407	77	321	125
0.50 or less	4 663	196	89	174	253	825	714	1 203	852	97	60	200	119
0.51 to 1.00	4 717	105	144	82	191	630	667	1 465	1 036	284	17	96	130
1.01 to 1.50	444	—	3	—	—	56	113	129	105	26	—	12	130
1.51 or more	132	—	—	5	5	23	33	32	21	—	—	13	116
<b>Lacking some or all plumbing facilities</b>	991	406	191	180	94	76	13	4	4	—	—	23	54
0.50 or less	349	65	71	73	77	30	8	4	4	—	—	17	64
0.51 to 1.00	608	331	108	101	11	46	5	—	—	—	—	6	50
1.01 to 1.50	10	4	—	—	6	—	—	—	—	—	—	—	...
1.51 or more	24	6	12	6	—	—	—	—	—	—	—	—	...
<b>BEDROOMS</b>													
None	980	369	106	118	148	93	57	—	20	—	28	41	59
1	4 430	184	189	417	339	922	1 030	1 101	168	—	—	80	102
2	3 453	23	18	28	130	330	483	1 022	1 236	63	22	98	140
3 or more	1 908	18	64	—	—	145	181	458	746	190	—	106	152
<b>YEAR STRUCTURE BUILT</b>													
1969 to March 1970	665	135	43	5	3	24	49	241	98	60	—	7	129
1965 to 1968	1 748	—	—	10	—	30	120	661	709	107	65	46	152
1960 to 1964	421	8	3	—	—	24	29	131	161	47	7	11	153
1950 to 1959	689	5	24	8	16	27	80	164	249	68	5	43	150
1940 to 1949	681	5	6	7	16	62	122	252	165	12	—	34	133
1939 or earlier	6 743	554	351	411	508	1 443	1 140	1 384	636	113	—	203	100
<b>ELEVATOR IN STRUCTURE</b>													
4 floors or more	352	78	72	56	—	17	107	—	—	—	22	—	...
With elevator	318	78	38	56	—	17	107	—	—	—	22	—	...
Walk-up	34	—	34	—	—	—	—	—	—	—	—	—	...
1 to 3 floors	10 419	516	305	507	617	1 473	1 644	2 581	2 170	253	28	325	120
<b>COMPLETE BATHROOMS</b>													
1 and 1/2	9 435	277	213	261	400	1 541	1 437	2 848	1 813	362	6	277	125
2 or more	358	—	—	—	—	—	—	32	107	95	71	53	214
None or also used by another household	1 159	455	216	150	136	115	25	35	13	—	—	14	55
<b>INCOME IN 1969</b>													
Less than \$2,000	1 756	316	110	131	132	326	188	283	178	41	—	51	89
\$2,000 to \$2,999	761	123	72	50	63	134	97	95	73	26	—	28	91
\$3,000 to \$3,999	831	43	47	46	65	165	189	189	68	30	5	24	105
\$4,000 to \$4,999	862	47	25	43	61	157	163	235	87	14	—	30	110
\$5,000 to \$5,999	778	16	40	23	38	181	135	225	85	10	—	25	112
\$6,000 to \$6,999	921	54	53	34	66	148	138	256	110	17	—	45	128
\$7,000 to \$7,999	2 395	81	64	85	74	315	365	739	534	76	5	57	142
\$10,000 to \$14,999	1 992	21	16	24	19	150	295	600	655	120	35	57	142
\$15,000 to \$24,999	566	6	—	—	20	28	10	199	203	58	15	27	152
\$25,000 or more	85	—	—	5	5	6	—	12	25	15	17	—	...
Median	\$6 500	\$2 300	\$3 700	\$3 900	\$4 200	\$5 100	\$6 300	\$7 500	\$9 300	\$9 600	...	\$6 300	...
<b>YEAR MOVED INTO UNIT</b>													
1969 to March 1970	6 118	379	219	180	252	730	771	1 980	1 200	318	13	76	127
1968	1 419	58	60	65	35	210	204	294	385	47	25	36	126
1967	845	44	14	46	37	137	137	188	160	39	7	36	118
1965 and 1966	1 029	57	46	18	77	207	145	224	85	33	32	105	108
1960 to 1964	809	77	69	45	61	207	95	163	63	7	—	22	89
1950 to 1959	516	96	15	49	27	115	83	52	33	6	—	40	86
1949 or earlier	216	21	6	8	47	50	27	14	7	7	—	29	85
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>													
Less than 10 percent	778	190	80	76	44	126	76	128	48	10	—	...	80
10 to 14 percent	1 777	65	104	85	108	300	311	473	289	30	12	...	115
15 to 19 percent	2 006	67	36	48	85	320	325	577	495	48	5	...	126
20 to 24 percent	1 443	72	37	31	71	133	173	467	389	65	5	...	133
25 to 34 percent	1 693	120	60	42	62	244	253	487	320	99	6	...	124
35 percent or more	2 805	182	106	150	167	446	402	686	462	155	49	...	117
Not computed	445	11	4	9	6	41	—	15	15	—	—	344	87
<b>AIR CONDITIONING</b>													
Room unit(s)	2 252	37	15	49	72	285	312	647	545	146	6	138	133
Central system	1 381	—	9	—	7	33	44	488	540	144	71	45	158
None	7 319	695	405	362	457	1 338	1 106	1 780	848	167	—	161	106

<sup>1</sup>Excludes one-family homes on 10 acres or more.

Table B-3. Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (dollars)
<b>Cedar Rapids</b>												
<b>Owner occupied housing units</b> .....	24 723	1 922	1 068	934	729	653	849	4 462	8 288	4 581	1 037	10 900
<b>ROOMS</b>												
1 and 2 rooms.....	145	23	8	15	5	—	6	36	33	14	5	8 300
3 rooms.....	526	131	60	38	33	36	30	118	60	20	—	5 000
4 rooms.....	3 508	455	313	243	188	224	144	800	844	271	26	7 700
5 rooms.....	9 191	743	421	328	245	328	331	1 907	3 386	1 361	141	10 400
6 rooms.....	6 298	397	166	227	167	152	229	1 049	2 301	1 356	254	11 700
7 rooms or more.....	5 055	173	100	83	91	113	109	552	1 664	1 559	611	13 900
<b>PERSONS</b>												
1 person.....	3 023	1 272	442	293	197	146	142	267	172	57	35	2 500
2 persons.....	7 398	452	545	514	337	463	339	1 423	1 874	1 207	244	9 200
3 and 4 persons.....	8 535	158	50	87	175	175	250	1 798	3 562	1 832	448	12 200
5 persons.....	2 928	20	6	35	5	21	84	511	1 402	738	106	12 800
6 persons or more.....	2 839	20	25	5	15	48	34	463	1 278	747	204	13 200
Units with roomers, boarders, or lodgers.....	476	102	32	18	29	19	12	112	105	32	15	7 700
<b>BEDROOMS</b>												
Less than 3.....	8 244	1 211	639	581	357	360	501	1 858	1 855	778	104	7 800
3.....	12 804	649	255	298	294	203	336	2 519	5 294	2 397	559	11 700
4 or more.....	3 774	123	95	84	43	61	41	386	1 126	1 301	514	14 700
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970.....	583	5	10	—	—	5	34	113	242	143	31	12 600
1960 to 1968.....	5 931	115	63	78	111	85	80	819	2 736	1 511	333	13 000
1950 to 1959.....	6 570	267	150	141	159	180	217	1 385	2 409	1 392	270	11 600
1949 or earlier.....	11 639	1 535	845	715	459	583	518	2 145	2 901	1 535	403	8 600
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970.....	3 008	107	50	39	78	100	140	658	1 164	589	83	11 400
1968.....	2 070	67	43	50	23	61	41	479	845	371	90	11 600
1960 to 1967.....	9 923	457	212	237	228	254	237	1 751	3 912	2 149	486	12 000
1959 or earlier.....	9 722	1 307	793	621	417	535	397	1 466	2 350	1 506	330	8 600
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine.....	20 316	872	658	622	509	409	611	3 984	7 258	4 238	1 155	11 700
Clothes dryer.....	18 277	496	356	471	328	346	465	3 789	6 935	3 978	1 113	12 100
Dishwasher.....	5 968	120	39	75	83	61	65	657	2 314	1 798	756	14 100
Home food freezer.....	8 767	268	230	237	159	211	206	1 609	3 121	2 058	668	12 300
Owned second home.....	1 090	—	21	59	—	22	35	195	322	284	152	13 300
With air conditioning.....	11 299	514	364	310	339	409	243	1 621	3 916	2 800	783	12 400
Room unit(s).....	7 336	403	279	283	339	179	1 222	2 662	1 436	282	11 300	
Central system.....	3 963	111	85	59	56	70	64	399	1 254	1 364	501	14 500
Automobiles available:												
1.....	10 523	831	566	600	528	671	529	2 415	3 130	1 127	126	8 900
2.....	10 229	123	105	85	114	141	203	1 644	4 415	2 806	593	13 100
3 or more.....	1 808	36	7	7	—	20	21	190	609	654	264	15 200
<b>Renter occupied housing units</b> .....												
<b>ROOMS</b>	10 996	1 760	766	831	862	788	921	2 410	2 001	546	91	6 500
1 room.....	872	285	93	76	76	29	107	165	41	—	—	3 800
2 rooms.....	1 265	410	124	112	128	93	103	172	103	20	—	3 900
3 rooms.....	2 717	486	237	333	240	223	226	512	390	59	11	5 300
4 rooms.....	3 012	324	170	154	208	182	250	764	700	218	42	7 900
5 rooms.....	1 712	172	96	98	119	153	112	370	430	145	17	7 900
6 rooms or more.....	1 418	83	46	58	91	108	123	427	337	124	21	8 400
<b>PERSONS</b>												
1 person.....	3 664	1 168	370	368	303	213	379	578	252	33	33	3 800
2 persons.....	3 278	355	226	247	268	291	193	703	676	259	60	7 300
3 and 4 persons.....	2 989	207	154	182	211	190	281	797	747	194	26	8 000
5 persons.....	515	8	6	20	31	53	15	157	179	46	—	9 400
6 persons or more.....	550	22	10	14	49	41	53	175	147	34	5	8 500
Units with roomers, boarders, or lodgers.....	479	138	31	59	80	64	32	61	14	—	—	4 100
<b>BEDROOMS</b>												
None.....	980	329	85	73	135	17	86	140	115	—	—	4 000
1.....	4 430	919	574	426	349	392	294	826	521	129	—	4 800
2.....	3 471	352	299	148	204	243	287	822	790	301	23	7 700
3 or more.....	1 946	171	—	39	238	108	81	669	450	150	40	8 500
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970.....	665	155	71	52	14	22	26	188	111	26	—	6 700
1960 to 1968.....	2 173	222	86	71	118	72	72	481	637	230	53	9 000
1950 to 1959.....	694	68	30	35	40	39	30	199	199	74	—	8 800
1949 or earlier.....	7 464	1 315	579	673	690	655	662	1 562	1 054	236	38	5 700
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970.....	6 138	867	429	521	504	509	526	1 331	1 100	317	34	6 500
1968.....	1 443	158	21	57	71	95	146	371	416	88	20	8 400
1960 to 1967.....	2 677	529	171	182	184	177	236	595	445	124	34	6 400
1959 or earlier.....	738	214	69	94	76	23	72	79	82	21	8	3 900
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>												
Specified renter occupied <sup>1</sup> .....	10 947	1 756	761	831	862	778	921	2 395	1 992	546	85	6 500
Less than 15 percent.....	2 555	—	12	18	58	69	175	628	1 028	487	80	11 500
15 to 19 percent.....	2 006	5	37	47	67	147	228	779	654	37	5	8 800
20 to 24 percent.....	1 443	26	58	76	107	154	197	642	178	5	—	7 500
25 to 34 percent.....	1 693	92	132	235	371	307	243	267	46	—	—	5 100
35 percent or more.....	2 805	1 481	494	431	229	76	33	22	29	10	—	2000--
Not computed.....	445	152	28	24	30	25	45	57	57	27	—	4 600
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine.....	3 224	281	170	127	440	127	168	1 050	674	168	19	7 900
Clothes dryer.....	2 827	218	87	128	316	149	206	968	586	150	19	8 000
Dishwasher.....	654	59	—	—	108	—	—	62	91	211	102	10 200
Home food freezer.....	710	41	19	22	63	40	84	276	146	19	—	7 900
Owned second home.....	318	—	—	—	43	—	—	17	60	181	—	—
With air conditioning.....	3 638	338	151	250	254	186	242	884	921	337	75	8 400
Room unit(s).....	2 257	194	101	127	171	123	193	576	566	180	26	8 100
Central system.....	1 381	144	50	123	83	63	49	308	355	157	49	8 700
Automobiles available:												
1.....	5 674	476	308	435	474	508	663	1 466	1 099	212	33	7 000
2.....	2 358	135	23	68	105	140	153	642	751	284	57	9 600
3 or more.....	404	30	33	32	20	24	28	91	96	44	6	8 200

<sup>1</sup>Excludes one-family homes on 10 acres or more.

Table B-4. Plumbing Facilities by Persons Per Room for Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Cedar Rapids	With all plumbing facilities					Lacking some or all plumbing facilities				
	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more
<b>Owner occupied housing units</b>	24 723	24 538	12 538	10 477	1 336	187	185	140	41	4
<b>PERSONS</b>										
1 person	3 023	2 918	2 912	6	-	-	105	105	-	-
2 persons	7 398	7 357	7 136	206	-	15	41	35	6	-
3 persons	4 242	4 233	1 930	2 272	10	21	9	-	9	-
4 persons	4 293	4 273	434	3 815	14	10	20	-	20	-
5 persons	2 928	2 922	126	2 635	142	19	6	-	6	-
6 persons or more	2 839	2 835	-	1 543	1 170	122	4	-	-	4
Median	3.0	3.0	2.0	4.2	6.4	7.5+	1.4	1.2	...	...
Units with roomers, boarders, or lodgers	476	471	220	216	20	15	5	-	5	-
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	589	589	242	341	6	-	-	-	-	-
1965 to 1968	2 641	2 641	997	1 462	161	21	-	-	-	-
1960 to 1964	3 296	3 289	1 112	1 854	283	40	7	-	7	-
1950 to 1959	6 560	6 547	2 923	3 062	507	55	13	6	7	-
1940 to 1949	2 047	2 035	1 132	802	101	12	12	-	-	-
1939 or earlier	9 590	9 456	6 216	2 859	322	59	134	113	21	-
<b>INCOME IN 1969</b>										
Less than \$2,000	1 922	1 855	1 696	151	8	-	67	56	11	-
\$2,000 to \$2,999	1 068	1 046	965	70	11	-	22	22	-	-
\$3,000 to \$3,999	934	914	812	93	9	-	20	20	-	-
\$4,000 to \$4,999	729	710	577	128	-	5	19	15	-	4
\$5,000 to \$5,999	853	848	632	196	20	-	5	5	-	-
\$6,000 to \$6,999	849	843	515	302	26	-	6	6	-	-
\$7,000 to \$9,999	4 462	4 452	1 906	2 132	361	53	10	5	5	-
\$10,000 to \$14,999	8 288	8 257	2 768	4 808	602	79	31	11	20	-
\$15,000 to \$24,999	4 581	4 576	2 075	2 191	270	40	5	-	5	-
\$25,000 or more	1 037	1 037	592	406	29	10	-	-	-	-
Median	\$10 900	\$11 000	\$8 700	\$12 300	\$11 900	\$12 200	\$3 200	\$2 600	...	...
<b>VALUE-INCOME RATIO</b>										
Specified owner occupied <sup>1</sup>	23 035	22 928	11 458	10 000	1 289	181	107	92	15	-
Less than 1.5	7 593	7 551	3 059	3 819	571	102	42	27	15	-
1.5 to 1.9	5 703	5 697	2 179	3 065	418	35	6	6	-	-
2.0 to 2.4	3 371	3 357	1 415	1 749	160	33	14	14	-	-
2.5 to 2.9	1 706	1 691	918	683	84	6	15	15	-	-
3.0 to 3.9	1 320	1 317	931	349	32	5	3	3	-	-
4.0 or more	3 228	3 209	2 879	306	24	-	19	19	-	-
Not computed	114	106	77	29	-	-	8	8	-	-
<b>HEATING EQUIPMENT</b>										
Steam or hot water	1 260	1 254	714	501	27	12	6	-	6	-
Warm-air furnace	22 432	22 343	11 250	9 686	1 232	175	89	73	16	-
Built-in electric units	57	57	47	10	-	-	-	-	-	-
Floor, wall, or pipeless furnace	389	375	211	120	44	-	14	-	14	-
Other means	585	509	316	160	33	-	76	67	5	4
None	-	-	-	-	-	-	-	-	-	-
<b>Renter occupied housing units</b>	10 996	9 999	4 678	4 740	449	132	997	355	608	10
<b>PERSONS</b>										
1 person	3 664	2 825	2 546	279	-	-	839	326	513	-
2 persons	3 278	3 161	1 823	1 299	-	39	117	23	70	-
3 persons	1 675	1 656	272	1 353	31	-	19	-	15	4
4 persons	1 314	1 297	37	1 172	66	22	17	6	5	6
5 persons	515	510	-	429	65	16	5	-	5	-
6 persons or more	550	550	-	208	287	55	-	-	-	-
Median	2.1	2.2	1.4	3.1	5.9	4.8	1.1	1.0	1.1	...
Units with roomers, boarders, or lodgers	479	464	121	309	29	5	15	-	9	6
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	666	658	318	318	14	8	8	-	8	-
1965 to 1968	1 732	1 719	888	777	38	16	13	13	-	-
1960 to 1964	407	407	158	212	37	-	-	-	-	-
1950 to 1959	690	681	196	471	14	-	9	-	9	-
1940 to 1949	704	704	238	420	26	20	-	-	-	-
1939 or earlier	6 797	5 801	2 725	2 634	329	113	996	362	598	5
<b>INCOME IN 1969</b>										
Less than \$2,000	1 760	1 437	957	466	14	-	323	113	210	-
\$2,000 to \$2,999	766	638	357	260	15	6	128	34	76	6
\$3,000 to \$3,999	831	755	354	370	26	5	76	41	35	-
\$4,000 to \$4,999	862	787	376	332	68	11	75	30	45	-
\$5,000 to \$5,999	788	716	351	315	34	16	72	28	28	4
\$6,000 to \$6,999	921	807	402	365	36	4	114	35	79	-
\$7,000 to \$9,999	2 410	2 233	863	1 203	128	40	177	63	114	-
\$10,000 to \$14,999	2 001	1 969	712	1 103	114	40	32	11	21	-
\$15,000 to \$24,999	566	566	247	300	14	5	-	-	-	-
\$25,000 or more	91	91	59	27	-	5	-	-	-	-
Median	\$6 500	\$6 800	\$5 800	\$7 700	\$7 700	\$8 800	\$3 600	\$3 700	\$3 500	...
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
Specified renter occupied <sup>2</sup>	10 947	9 956	4 643	4 717	444	132	991	349	608	10
Less than 10 percent	778	543	231	280	22	10	235	52	179	4
10 to 14 percent	1 777	1 630	639	890	62	39	147	61	74	-
15 to 19 percent	2 006	1 902	811	993	75	23	104	26	78	-
20 to 24 percent	1 443	1 351	540	686	103	22	92	42	50	-
25 to 34 percent	1 693	1 613	808	718	62	25	80	22	46	6
35 percent or more	2 805	2 504	1 378	1 023	103	-	301	120	175	6
Not computed	445	413	256	127	17	13	32	26	6	-
<b>HEATING EQUIPMENT</b>										
Steam or hot water	2 475	2 186	1 163	941	37	45	289	78	211	-
Warm-air furnace	7 635	6 970	3 177	3 383	340	70	665	249	382	10
Built-in electric units	92	92	53	34	5	-	-	-	-	-
Floor, wall, or pipeless furnace	215	211	97	97	11	6	4	-	4	-
Other means	574	535	188	280	56	11	39	28	11	-
None	5	5	-	5	-	-	-	-	-	-

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.

<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table B-5. Rooms in Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
<b>Cedar Rapids</b>										
<b>Owner occupied housing units</b>	<b>24 723</b>	<b>67</b>	<b>78</b>	<b>526</b>	<b>3 508</b>	<b>9 191</b>	<b>6 298</b>	<b>2 878</b>	<b>2 177</b>	<b>5.4</b>
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	24 362	66	50	494	3 379	9 213	6 228	2 810	2 122	5.4
<b>PERSONS</b>										
1 person	3 023	6	36	293	734	1 127	569	155	103	4.9
2 persons	7 398	15	32	180	1 790	2 804	1 695	576	316	5.1
3 persons	4 242	21	10	26	545	1 710	1 138	477	315	5.4
4 persons	4 293	10	—	14	260	1 711	1 221	643	434	5.4
5 persons	2 928	6	—	13	142	1 040	825	480	402	5.8
6 persons or more	2 839	9	—	—	47	779	850	547	607	6.2
Median	3.0	—	—	1.4	2.1	2.9	3.3	3.9	4.3	—
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
<b>With all plumbing facilities</b>	<b>24 538</b>	<b>67</b>	<b>63</b>	<b>492</b>	<b>3 443</b>	<b>9 135</b>	<b>6 288</b>	<b>2 873</b>	<b>2 177</b>	<b>5.4</b>
0.50 or less	12 538	—	27	259	2 459	3 904	3 392	1 203	1 294	5.4
0.51 to 1.00	10 477	6	26	206	795	4 456	2 559	1 575	854	5.4
1.01 to 1.50	1 334	—	10	14	184	697	313	89	29	5.4
1.51 or more	187	61	—	13	5	78	24	6	—	5.4
<b>Lacking some or all plumbing facilities</b>	<b>185</b>	<b>—</b>	<b>15</b>	<b>34</b>	<b>65</b>	<b>56</b>	<b>10</b>	<b>3</b>	<b>—</b>	<b>4.3</b>
0.50 or less	140	—	9	34	55	27	10	5	—	4.0
0.51 to 1.00	41	—	6	—	10	25	—	—	—	—
1.01 to 1.50	4	—	—	—	—	4	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—
<b>BEDROOMS</b>										
None and 1	1 190	50	111	405	544	40	—	18	22	3.6
2	7 054	—	—	97	2 882	3 299	5 592	1 84	—	4.7
3	12 804	—	—	—	140	5 358	5 071	1 703	532	5.7
4 or more	3 774	—	—	—	—	123	827	1 047	1 777	7.4
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	583	—	—	15	43	156	152	116	101	6.0
1960 to 1968	5 931	16	14	41	471	2 427	1 384	757	821	5.3
1950 to 1959	6 570	14	20	88	1 035	3 084	1 540	535	254	5.2
1949 or earlier	11 639	37	44	382	1 959	3 524	3 222	1 470	1 001	5.3
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	20 853	60	43	499	3 283	8 685	5 350	1 957	976	5.3
2 or more	3 558	6	7	6	103	545	884	853	1 154	6.8
None or also used by another household	312	—	17	47	119	62	34	18	15	4.3
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b>	<b>23 035</b>	<b>61</b>	<b>36</b>	<b>290</b>	<b>2 906</b>	<b>8 762</b>	<b>4 106</b>	<b>2 772</b>	<b>2 102</b>	<b>5.4</b>
Less than 1.5	7 593	41	6	93	982	2 861	2 109	864	637	5.4
1.5 to 1.9	5 703	5	8	28	442	2 323	1 571	776	550	5.5
2.0 to 2.9	5 077	15	4	61	552	1 833	1 332	672	608	5.4
3.0 or more	4 548	—	18	100	920	1 697	1 051	455	307	5.2
Not computed	114	—	—	8	10	48	43	5	—	5.3
<b>Renter occupied housing units</b>										
<b>Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access</b>	<b>10 996</b>	<b>872</b>	<b>1 265</b>	<b>2 717</b>	<b>3 012</b>	<b>1 712</b>	<b>951</b>	<b>276</b>	<b>191</b>	<b>5.3</b>
9 637	196	915	2 592	2 868	1 699	889	281	197	3.9	
<b>PERSONS</b>										
1 person	3 664	792	1 019	1 188	459	1 63	34	9	—	2.5
2 persons	3 278	63	200	1 169	1 170	456	149	39	—	3.7
3 persons	1 675	—	35	253	791	324	207	35	30	4.2
4 persons	1 314	11	—	72	467	427	214	69	43	4.7
5 persons	515	6	—	10	65	207	164	45	18	5.4
6 persons or more	550	—	—	25	60	135	183	79	68	5.8
Median	2.1	1.1	1.1	1.6	2.4	3.2	3.9	4.3	4.3	—
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
<b>With all plumbing facilities</b>	<b>9 999</b>	<b>335</b>	<b>953</b>	<b>2 630</b>	<b>2 990</b>	<b>1 685</b>	<b>945</b>	<b>276</b>	<b>185</b>	<b>5.4</b>
0.50 or less	4 678	—	760	1 136	1 607	609	384	83	99	5.8
0.51 to 1.00	4 740	279	151	1 393	1 258	941	460	184	74	5.9
1.01 to 1.50	449	—	31	66	111	129	91	9	—	4.4
1.51 or more	132	56	11	35	14	6	10	—	—	2.4
<b>Lacking some or all plumbing facilities</b>	<b>997</b>	<b>537</b>	<b>312</b>	<b>87</b>	<b>22</b>	<b>27</b>	<b>6</b>	<b>—</b>	<b>—</b>	<b>1.4</b>
0.50 or less	355	—	259	52	22	10	6	—	6	2.2
0.51 to 1.00	608	513	49	29	—	17	—	—	—	1.1
1.01 to 1.50	10	—	4	6	—	—	—	—	—	—
1.51 or more	24	24	—	—	—	—	—	—	—	—
<b>BEDROOMS</b>										
None	980	776	142	62	—	—	—	—	—	1.1
1	4 430	—	1 035	2 599	753	43	—	—	—	3.0
2	3 471	—	—	50	2 349	946	85	18	23	4.2
3 or more	1 946	—	—	—	—	629	947	247	123	5.9
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	665	11	182	184	202	58	28	—	—	3.3
1960 to 1968	2 173	23	141	678	964	237	107	18	5	3.8
1950 to 1959	694	14	27	49	207	280	82	25	10	4.7
1949 or earlier	7 464	824	915	1 806	1 639	1 137	734	233	176	3.6
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	9 465	354	943	2 577	2 758	1 600	813	275	145	3.8
2 or more	365	—	—	15	117	99	76	6	52	5.0
None or also used by another household	1 166	550	330	151	73	35	20	—	7	1.6
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b>	<b>10 947</b>	<b>872</b>	<b>1 265</b>	<b>2 717</b>	<b>3 012</b>	<b>1 693</b>	<b>942</b>	<b>267</b>	<b>179</b>	<b>3.7</b>
Less than 10 percent	778	179	157	131	159	59	77	6	10	2.9
10 to 14 percent	1 777	153	172	413	504	355	124	31	25	3.8
15 to 19 percent	2 006	102	155	472	668	321	238	39	11	3.9
20 to 24 percent	1 443	93	117	352	459	215	132	53	22	3.8
25 to 34 percent	1 693	73	183	498	466	233	168	54	18	3.7
35 percent or more	2 805	241	437	791	681	402	149	58	46	3.4
Not computed	445	31	44	60	75	108	54	26	47	4.6

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.

<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table B-6. Units in Structure for Owner and Renter Occupied Housing Units: 1970

(Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

Cedar Rapids	Owner occupied				Renter occupied							
	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
<b>All occupied housing units</b> .....	24 723	23 354	963	406	10 996	3 185	1 627	1 628	1 588	1 646	1 307	13
<b>ROOMS</b>												
1 room .....	67	61	6	—	872	37	20	116	320	82	291	6
2 rooms .....	78	41	17	20	1 265	30	37	413	374	332	79	—
3 rooms .....	526	295	146	85	2 717	189	548	638	410	490	442	—
4 rooms .....	3 508	2 942	361	205	3 012	682	634	357	355	618	362	4
5 rooms .....	9 191	8 862	246	83	1 712	1 044	307	71	81	102	102	5
6 rooms .....	6 298	6 183	102	13	951	763	71	33	48	15	21	—
7 rooms .....	2 878	2 832	46	—	276	265	6	—	—	—	5	—
8 rooms or more .....	2 177	2 138	39	—	191	175	4	—	—	7	5	—
Median .....	5.4	5.4	4.4	4.0	3.7	5.1	3.8	2.9	2.7	3.3	3.1	—
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b> .....	24 538	23 228	909	401	9 999	3 153	1 582	1 355	1 191	1 520	1 183	15
0.50 or less .....	12 538	11 682	643	213	4 678	1 174	696	754	654	786	614	—
0.51 to 1.00 .....	10 477	10 072	248	157	4 740	1 677	804	538	500	683	529	9
1.01 to 1.50 .....	1 336	1 293	18	25	449	250	77	46	15	51	10	—
1.51 or more .....	187	181	—	6	132	52	5	17	22	—	30	6
<b>Lacking some or all plumbing facilities</b> .....	185	126	54	5	997	32	45	273	397	126	124	—
0.50 or less .....	140	102	38	—	355	17	17	147	110	64	—	—
0.51 to 1.00 .....	41	20	16	5	608	11	28	120	269	56	124	—
1.01 to 1.50 .....	4	—	—	—	10	4	—	6	—	—	—	—
1.51 or more .....	—	—	—	—	24	—	—	—	18	6	—	—
<b>BEDROOMS</b>												
None .....	50	21	29	—	980	62	57	138	383	95	245	—
1 .....	1 140	547	443	150	4 430	461	854	976	817	772	550	—
2 .....	7 054	6 380	424	250	3 471	1 194	616	312	424	652	253	20
3 .....	12 804	12 600	183	21	1 697	1 298	110	22	79	62	126	—
4 or more .....	3 774	3 730	44	—	249	249	—	—	—	—	—	—
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970 .....	583	533	5	45	665	15	27	18	103	480	22	—
1965 to 1968 .....	2 687	2 493	39	155	1 752	90	114	64	231	502	751	—
1960 to 1964 .....	3 244	3 106	27	111	421	126	29	41	36	105	75	9
1950 to 1959 .....	6 570	6 408	72	90	694	487	86	59	41	13	8	—
1940 to 1949 .....	2 120	2 103	12	5	685	374	45	28	44	194	—	—
1939 or earlier .....	9 519	8 711	808	—	6 779	2 093	1 326	1 418	1 133	352	451	6
<b>INCOME IN 1969</b>												
Less than \$2,000 .....	1 922	1 689	206	27	1 760	252	227	398	356	289	238	—
\$2,000 to \$2,999 .....	1 068	922	131	15	766	150	110	147	141	134	78	6
\$3,000 to \$3,999 .....	934	843	65	24	831	177	155	160	175	153	71	—
\$4,000 to \$4,999 .....	729	655	50	24	862	218	158	147	139	95	105	—
\$5,000 to \$5,999 .....	853	780	45	28	788	250	147	157	117	80	37	—
\$6,000 to \$6,999 .....	849	789	40	20	921	311	90	116	140	153	111	—
\$7,000 to \$9,999 .....	4 462	4 200	122	140	2 410	798	375	283	326	363	260	5
\$10,000 to \$14,999 .....	8 288	8 006	177	105	2 001	766	302	175	200	298	256	4
\$15,000 to \$24,999 .....	4 581	4 456	104	21	566	236	63	34	38	81	114	—
\$25,000 or more .....	1 037	1 014	23	—	91	27	—	11	16	—	37	—
Median .....	\$10 900	\$11 100	\$5 700	\$8 400	\$6 500	\$7 900	\$6 200	\$4 700	\$5 400	\$6 500	\$7 200	—
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970 .....	3 008	2 744	101	163	4 138	1 658	907	811	847	1 187	715	13
1968 .....	2 070	1 937	56	77	1 443	414	208	214	211	151	245	—
1967 .....	1 806	1 751	18	37	845	271	152	127	103	62	130	—
1965 and 1966 .....	3 217	3 088	80	49	1 029	351	111	164	146	97	160	—
1960 to 1964 .....	4 900	4 716	120	64	803	231	139	173	153	60	47	—
1950 to 1959 .....	5 363	5 174	169	20	522	141	69	136	76	73	27	—
1949 or earlier .....	4 359	4 016	343	—	216	53	42	74	13	21	13	—
<b>GROSS RENT</b>												
<b>Specified renter occupied<sup>1</sup></b> .....	...	...	...	...	10 947	3 136	1 627	1 628	1 588	1 646	1 307	15
Less than \$50 .....	...	...	...	...	707	28	37	112	257	216	53	4
\$50 to \$59 .....	...	...	...	...	427	37	39	101	101	33	114	—
\$60 to \$69 .....	...	...	...	...	441	42	47	163	99	38	52	—
\$70 to \$79 .....	...	...	...	...	543	87	93	165	109	57	32	—
\$80 to \$99 .....	...	...	...	...	1 610	338	337	492	299	93	51	—
\$100 to \$119 .....	...	...	...	...	1 540	466	398	216	229	151	80	—
\$120 to \$149 .....	...	...	...	...	2 833	890	405	261	294	592	386	5
\$150 to \$199 .....	...	...	...	...	2 018	843	174	103	147	363	388	—
\$200 to \$299 .....	...	...	...	...	407	197	56	5	32	51	66	—
\$300 or more .....	...	...	...	...	77	5	—	—	7	7	65	—
No cash rent .....	...	...	...	...	344	203	41	10	21	45	18	6
Median .....	...	...	...	...	\$120	\$136	\$112	\$91	\$93	\$131	\$140	—
<b>HEATING EQUIPMENT</b>												
Steam or hot water .....	1 260	1 128	132	—	2 475	160	94	309	508	401	1 003	—
Warm-air furnace .....	22 432	21 357	787	288	7 635	2 555	1 417	1 225	1 017	1 122	299	—
Built-in electric units .....	57	57	—	—	92	6	—	5	4	72	5	—
Floor, wall, or pipeless furnace .....	389	350	14	25	215	90	40	19	37	23	—	6
Other means .....	585	462	30	93	574	374	71	70	22	28	—	9
None .....	—	—	—	—	5	—	5	—	—	—	—	—
<b>AIR CONDITIONING</b>												
Room unit(s) .....	7 336	6 929	310	97	2 257	698	213	289	280	337	432	8
Central system .....	3 963	3 874	75	14	1 381	63	149	53	211	444	461	—
None .....	13 424	12 623	502	299	7 358	2 358	1 266	1 357	1 058	670	444	5
<b>AUTOMOBILES AVAILABLE</b>												
1 .....	10 523	9 862	386	275	5 674	1 641	938	922	700	859	606	8
2 .....	10 229	9 928	200	101	2 358	849	316	233	277	374	304	5
3 or more .....	1 808	1 771	22	15	404	194	78	30	28	41	33	—
None .....	2 163	1 865	279	19	2 560	435	296	514	544	377	394	—

<sup>1</sup>Excludes one-family homes on 10 acres or more.

Table B-7. Household Composition for Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Cedar Rapids	Total	Two-or-more-person households								One-person households		
		Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years	65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
<b>Owner occupied housing units</b> .....	24 723	703	4 060	4 664	7 588	2 333	559	194	1 059	540	1 139	1 884
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	24 538	703	4 046	4 664	7 557	2 322	554	194	1 048	532	1 113	1 863
0.50 or less	12 538	304	804	776	4 303	2 014	273	169	541	442	1 107	1 805
0.51 to 1.00	10 477	389	2 789	3 230	2 928	280	261	21	483	90	6	6
1.01 to 1.50	1 336	10	389	601	285	18	12	4	17	..	..	..
1.51 or more	187	..	64	57	41	10	8	..	7	..	..	..
Lacking some or all plumbing facilities	185	..	14	..	31	11	5	..	11	8	36	79
0.50 or less	140	..	5	..	11	..	5	..	6	8	26	79
0.51 to 1.00	41	..	5	..	20	11	..	..	5	..	..	..
1.01 to 1.50	4	..	..	..	..	..	..	..	..	..	..	..
1.51 or more	..	..	..	..	..	..	..	..	..	..	..	..
<b>UNITS IN STRUCTURE</b>												
1	23 354	617	3 916	4 589	7 237	2 204	531	174	1 006	465	991	1 624
2 or more	963	25	44	64	235	111	23	20	43	75	88	235
Mobile home or trailer	406	61	100	11	116	18	5	..	10	..	60	25
<b>INCOME IN 1969</b>												
Less than \$2,000	1 922	23	9	23	79	228	9	25	131	123	194	1 078
\$2,000 to \$2,999	1 068	6	22	20	47	361	16	32	37	85	78	364
\$3,000 to \$3,999	934	9	5	25	93	345	9	33	64	58	119	174
\$4,000 to \$4,999	729	13	35	11	59	224	11	17	111	51	103	94
\$5,000 to \$5,999	653	47	35	43	146	195	26	15	122	78	128	18
\$6,000 to \$6,999	849	48	90	55	191	160	21	16	103	70	102	40
\$7,000 to \$9,999	4 462	212	978	756	1 470	311	124	31	243	70	218	49
\$10,000 to \$14,999	8 288	275	2 248	2 175	2 750	253	181	21	173	40	134	38
\$15,000 to \$24,999	4 581	64	559	1 295	2 242	157	121	4	70	12	43	14
\$25,000 or more	1 037	6	79	261	511	99	41	..	5	..	20	15
Median	\$10 900	\$9 900	\$11 900	\$13 200	\$13 100	\$5 000	\$11 800	\$4 400	\$6 600	\$4 100	\$5 600	\$2000=
<b>VALUE-INCOME RATIO</b>												
Specified owner occupied <sup>1</sup>	23 035	617	3 889	4 572	7 102	2 166	516	169	988	466	986	1 576
Less than 1.5	7 593	175	1 160	1 755	3 484	387	209	29	184	22	161	27
1.5 to 1.9	5 703	208	1 322	1 527	1 926	175	120	47	155	37	159	27
2.0 to 2.4	3 371	78	898	742	905	239	109	23	185	68	82	42
2.5 to 2.9	1 706	81	310	303	377	213	32	10	131	40	141	68
3.0 to 3.9	1 320	41	132	144	209	323	16	16	95	89	122	133
4.0 or more	3 228	29	67	101	196	823	21	44	208	204	287	1 248
Not computed	114	5	..	..	5	6	9	..	30	..	34	25
<b>Renter occupied housing units</b> .....	10 996	1 278	1 810	600	1 038	370	484	39	1 580	113	2 377	1 287
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	9 999	1 260	1 810	589	994	340	460	33	1 535	113	1 781	1 044
0.50 or less	4 678	339	392	102	456	151	185	4	449	54	1 579	967
0.51 to 1.00	4 740	840	1 273	387	465	174	240	42	981	59	202	77
1.01 to 1.50	449	65	102	81	50	10	14	7	120	..	..	..
1.51 or more	132	16	43	19	23	5	21	..	5	..	..	..
Lacking some or all plumbing facilities	997	18	..	11	44	30	24	6	25	..	594	243
0.50 or less	355	4	..	..	13	..	6	..	..	..	241	85
0.51 to 1.00	608	10	..	11	31	12	12	..	19	..	355	158
1.01 to 1.50	10	4	..	..	..	..	..	..	6	..	..	..
1.51 or more	24	..	..	..	..	12	6	..	6	..	..	..
<b>UNITS IN STRUCTURE</b>												
1	3 185	362	828	361	521	90	160	9	529	30	200	95
2 to 4	3 255	383	404	105	214	115	150	27	632	51	760	414
5 to 19	3 234	406	413	95	144	95	149	18	330	32	1 050	502
20 or more	1 307	123	165	34	159	70	19	5	89	..	367	276
Mobile home or trailer	15	4	..	5	..	..	6	..	..	..	..	..
<b>GROSS RENT</b>												
Specified renter occupied <sup>2</sup>	10 947	1 278	1 806	585	1 032	370	478	59	1 566	113	2 373	1 287
Less than \$50	707	13	..	6	6	21	12	6	9	5	347	282
\$50 to \$59	427	6	11	5	15	29	3	11	36	5	210	101
\$60 to \$69	441	15	13	..	17	33	13	6	19	5	222	98
\$70 to \$79	543	37	30	5	36	9	25	5	51	5	233	107
\$80 to \$99	1 610	197	113	60	104	85	99	6	254	42	435	215
\$100 to \$119	1 540	249	236	110	152	41	71	4	210	4	305	158
\$120 to \$149	2 833	484	636	147	242	44	136	14	517	12	442	159
\$150 to \$199	2 018	245	613	166	290	33	83	7	338	24	142	77
\$200 to \$299	407	11	109	28	63	20	30	..	111	6	4	25
\$300 or more	77	..	..	5	27	16	..	..	..	..	7	17
No cash rent	344	21	45	53	80	39	6	..	21	5	26	48
<b>GROSS RENT AS PERCENTAGE OF INCOME BY INCOME</b>												
Specified renter occupied <sup>2</sup>	10 947	1 278	1 806	585	1 032	370	478	59	1 566	113	2 373	1 287
Less than \$5,000	4 210	273	118	33	102	229	153	31	988	74	1 077	1 132
Less than 20 percent	244	4	6	..	6	15	6	..	15	..	143	55
20 to 24 percent	267	18	4	..	..	5	6	..	..	..	139	63
25 to 34 percent	830	81	22	13	26	87	24	6	177	6	213	175
35 percent or more	2 635	149	86	20	65	106	111	25	729	52	517	775
Not computed	234	21	..	..	5	16	6	..	46	11	65	64
\$5,000 to \$9,999	4 094	651	754	257	412	86	254	17	468	29	1 075	91
Less than 20 percent	2 026	275	318	136	183	23	126	17	129	25	741	53
20 to 24 percent	993	221	258	57	100	6	40	..	101	4	189	17
25 to 34 percent	817	132	148	36	74	34	65	..	179	..	128	21
35 percent or more	131	17	10	..	5	4	23	..	..	..	17	..
Not computed	127	6	20	..	28	19	..	..	4	..	..	..
\$10,000 to \$14,999	1 992	287	731	191	340	25	71	..	90	5	188	64
Less than 20 percent	1 682	271	616	163	272	15	57	..	70	5	177	36
20 to 24 percent	178	16	85	10	21	6	10	..	20	..	4	6
25 to 34 percent	75	..	11	4	27	4	..	..	..	..	7	22
35 percent or more	57	..	19	14	20	..	..	..	..	..	..	..
Not computed	57	..	..	..	..	..	..	..	..	..	..	..
\$15,000 or more	651	67	203	104	178	30	..	..	..	..	..	..
Less than 20 percent	609	62	197	88	168	30	..	..	..	..	..	..
20 to 24 percent	5	..	..	..	..	..	..	..	..	..	..	..
25 percent or more	10	..	..	..	..	..	..	..	..	..	..	..
Not computed	27	5	6	17	5	..	..	..	..	..	..	..

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property. <sup>2</sup>Excludes one-family homes on 10 acres or more.

Table B-8. Persons in Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Cedar Rapids										
	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
<b>Owner occupied housing units</b>	<b>24 723</b>	<b>3 023</b>	<b>7 398</b>	<b>4 242</b>	<b>4 293</b>	<b>2 928</b>	<b>1 716</b>	<b>723</b>	<b>400</b>	<b>3.0</b>
<b>BEDROOMS</b>										
None and 1	1 190	594	428	80	25	63	-	-	-	1.5
2	7 054	1 523	3 436	1 341	478	169	107	-	-	2.1
3	12 804	903	2 767	2 213	3 340	2 026	992	345	218	3.7
4 or more	3 774	183	500	381	686	753	615	297	359	4.7
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	583	19	143	140	145	102	-	5	5	3.4
1965 to 1968	2 687	59	548	489	699	518	24	68	58	3.9
1960 to 1964	3 244	153	605	576	820	521	353	128	88	3.9
1950 to 1959	6 570	461	1 996	1 233	1 220	852	492	201	115	3.2
1940 to 1949	2 120	313	731	444	286	195	94	52	5	2.5
1939 or earlier	9 519	2 018	3 375	1 360	1 123	740	505	269	129	2.3
<b>UNITS IN STRUCTURE</b>										
1	23 354	2 615	6 853	4 034	4 189	2 870	1 681	712	400	3.0
2 or more	963	323	388	116	73	46	11	6	6	1.9
Mobile home or trailer	406	85	157	92	31	12	24	5	-	2.3
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	20 853	2 742	6 647	3 675	3 530	2 213	1 228	543	275	2.8
2 and 2 1/2	3 206	110	630	487	643	603	485	170	78	4.1
3 or more	352	15	81	79	56	56	26	33	6	3.5
None or also used by another household	312	162	97	18	27	8	-	-	-	1.5
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b>	<b>21 700</b>	<b>...</b>	<b>7 398</b>	<b>4 242</b>	<b>4 293</b>	<b>2 928</b>	<b>1 716</b>	<b>723</b>	<b>400</b>	<b>3.3</b>
Male head, wife present, no nonrelatives	19 348	...	6 238	3 650	3 987	2 740	1 633	708	392	3.4
Under 25 years	703	...	212	299	148	24	10	5	5	3.0
25 to 34 years	4 060	...	397	724	1 418	848	451	143	79	4.1
35 to 44 years	4 664	...	342	512	1 215	1 195	794	390	216	4.7
45 to 64 years	7 588	...	3 344	1 878	1 109	649	364	152	92	2.7
65 years and over	2 333	...	1 943	237	97	24	14	18	18	2.1
Other male head	753	...	325	198	118	58	36	10	8	2.8
Under 65 years	559	...	185	158	104	58	36	10	6	3.1
65 years and over	194	...	140	40	14	-	-	-	-	2.2
Female head	1 599	...	835	394	188	130	47	5	-	2.5
Under 65 years	1 059	...	422	302	164	119	47	5	-	2.9
65 years and over	540	...	413	92	24	11	-	-	-	2.2
<b>One-person households</b>	<b>3 023</b>	<b>3 023</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>1.0</b>
<b>VALUE-INCOME RATIO</b>										
Specified owner occupied <sup>1</sup>	23 035	2 556	6 715	3 987	4 164	2 843	1 669	701	400	3.1
Less than 1.5	7 593	188	2 091	1 588	1 548	1 032	659	299	188	3.5
1.5 to 1.9	5 703	186	1 370	1 118	1 240	886	602	184	117	3.6
2.0 to 2.4	3 371	124	944	568	759	580	234	116	46	3.6
2.5 to 2.9	1 706	209	494	325	310	211	66	57	34	3.0
3.0 to 3.9	1 320	255	549	189	160	81	54	22	10	2.2
4.0 or more	3 228	1 535	1 246	180	142	43	54	23	5	1.6
Not computed	114	59	21	19	5	10	-	-	-	1.5
<b>Renter occupied housing units</b>	<b>10 996</b>	<b>3 664</b>	<b>3 278</b>	<b>1 675</b>	<b>1 314</b>	<b>515</b>	<b>314</b>	<b>147</b>	<b>89</b>	<b>2.1</b>
<b>BEDROOMS</b>										
None	980	875	67	18	20	-	-	-	-	1.1
1	4 430	2 257	1 778	317	78	-	-	-	-	1.5
2	3 471	472	1 262	871	601	130	114	21	-	2.5
3 or more	1 946	107	282	425	430	358	216	105	23	3.9
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	665	244	211	89	84	28	9	-	-	1.9
1965 to 1968	1 752	457	756	288	173	43	35	-	-	2.1
1960 to 1964	421	94	127	100	43	38	14	-	5	2.4
1950 to 1959	694	101	152	160	215	45	11	5	5	3.1
1940 to 1949	685	174	159	142	123	39	17	18	13	2.6
1939 or earlier	6 779	2 594	1 873	896	676	322	228	124	66	1.9
<b>UNITS IN STRUCTURE</b>										
1	3 185	295	704	660	730	357	231	125	83	3.4
2	1 627	348	614	357	226	42	33	7	-	2.3
3 and 4	1 628	826	506	155	103	15	8	15	-	1.5
5 to 9	1 588	866	483	121	75	28	9	-	6	1.4
10 to 19	1 646	686	519	252	119	50	20	-	-	1.8
20 or more	1 307	643	446	126	56	23	13	-	-	1.5
Mobile home or trailer	15	-	6	4	5	-	-	-	-	...
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	9 465	2 726	2 938	1 565	1 262	466	276	140	92	2.2
2 or more	365	21	96	77	79	61	13	6	12	3.4
None or also used by another household	1 166	903	195	23	24	21	-	-	-	1.1
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b>	<b>7 332</b>	<b>...</b>	<b>3 278</b>	<b>1 675</b>	<b>1 314</b>	<b>515</b>	<b>314</b>	<b>147</b>	<b>89</b>	<b>2.7</b>
Male head, wife present, no nonrelatives	5 096	...	2 192	1 177	873	426	274	100	54	2.8
Under 25 years	1 278	...	643	436	133	38	14	9	5	2.5
25 to 34 years	1 810	...	548	409	483	238	87	41	4	3.4
35 to 44 years	600	...	574	85	152	77	97	32	33	4.1
45 to 64 years	1 038	...	207	93	67	67	71	18	8	2.4
65 years and over	370	...	303	40	12	6	5	-	4	2.1
Other male head	543	...	330	114	76	17	-	4	-	2.3
Under 65 years	484	...	298	95	70	17	-	4	-	2.3
65 years and over	59	...	32	21	4	-	-	-	-	...
Female head	1 693	...	756	382	365	72	40	43	35	2.7
Under 65 years	1 580	...	670	365	360	72	40	43	30	2.8
65 years and over	113	...	86	17	5	-	-	-	5	2.2
<b>One-person households</b>	<b>3 664</b>	<b>3 664</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>1.0</b>
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
Specified renter occupied <sup>2</sup>	10 947	3 660	3 267	1 671	1 303	511	305	147	83	2.1
Less than 10 percent	778	332	220	103	70	21	27	-	5	1.8
10 to 14 percent	1 777	669	669	273	239	112	41	13	14	2.2
15 to 19 percent	2 006	490	601	405	253	152	76	21	8	2.4
20 to 24 percent	1 443	418	395	222	212	81	48	49	18	2.3
25 to 34 percent	1 693	548	501	332	149	72	56	21	14	2.1
35 percent or more	2 805	1 327	707	288	339	51	38	31	24	1.6
Not computed	445	129	174	48	41	22	19	12	-	2.0

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.

<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table B-9. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Cedar Rapids					Cedar Rapids				
	Total	Less than 2 months	2 up to 6 months	6 months or more		Total	Less than 2 months	2 up to 6 months	6 months or more
<b>Vacant for sale</b>	297	172	82	43	<b>Vacant for rent</b>	1 457	993	364	100
<b>ROOMS</b>					<b>ROOMS</b>				
1 to 3 rooms	11	—	3	8	1 room	140	97	35	8
4 rooms	35	27	8	—	2 rooms	163	132	27	4
5 rooms	122	62	46	14	3 rooms	451	294	115	42
6 rooms	76	34	21	21	4 rooms	471	351	108	12
7 rooms or more	53	49	4	—	5 rooms	97	81	16	—
					6 rooms	104	19	63	22
					7 rooms or more	31	19	—	12
<b>PLUMBING FACILITIES</b>					<b>PLUMBING FACILITIES</b>				
With all plumbing facilities	293	172	78	43	With all plumbing facilities	1 221	855	299	67
Lacking some or all plumbing facilities	4	—	4	—	Lacking some or all plumbing facilities	236	138	65	33
<b>BEDROOMS</b>					<b>BEDROOMS</b>				
None and 1	41	20	—	21	None	107	75	16	16
2	100	60	40	—	1	732	449	220	63
3	102	81	21	—	2	362	274	88	—
4 or more	60	41	19	—	3 or more	205	105	53	47
<b>YEAR STRUCTURE BUILT</b>					<b>YEAR STRUCTURE BUILT</b>				
1969 to March 1970	53	38	8	7	1969 to March 1970	201	79	112	10
1960 to 1968	59	42	13	4	1960 to 1968	363	312	44	7
1950 to 1959	54	30	19	5	1950 to 1959	43	30	9	4
1949 or earlier	131	62	42	27	1949 or earlier	850	572	199	79
<b>UNITS IN STRUCTURE</b>					<b>UNITS IN STRUCTURE</b>				
1	285	167	79	39	1	232	131	69	32
2 or more	12	5	3	4	2 to 4	398	294	65	39
					5 to 9	316	175	133	8
					10 to 19	305	251	36	18
					20 or more	206	142	61	3
<b>HEATING EQUIPMENT</b>					<b>RENT ASKED</b>				
Steam or hot water	4	4	—	—	<b>Specified vacant for rent<sup>2</sup></b>	1 453	989	364	100
Warm-air furnace	293	168	82	43	Less than \$50	162	108	46	8
Built-in electric units	—	—	—	—	\$50 to \$59	61	40	21	—
Floor, wall, or pipeless furnace	—	—	—	—	\$60 to \$79	195	83	86	26
Other means	—	—	—	—	\$80 to \$99	226	177	24	25
None	—	—	—	—	\$100 to \$119	213	173	36	4
					\$120 to \$149	376	283	81	12
					\$150 to \$199	186	109	70	7
					\$200 or more	34	16	—	18
					Median rent asked	\$108	\$110	\$103	\$93
<b>SALES PRICE ASKED</b>									
<b>Specified vacant for sale<sup>1</sup></b>	285	167	79	39					
Less than \$5,000	8	—	4	4					
\$5,000 to \$9,999	23	4	8	11					
\$10,000 to \$14,999	71	28	33	10					
\$15,000 to \$19,999	78	54	22	2					
\$20,000 to \$24,999	45	31	2	12					
\$25,000 to \$34,999	43	35	8	—					
\$35,000 to \$49,999	17	15	2	—					
\$50,000 or more	—	—	—	—					
Median price asked	\$17 600	\$19 800	...	...					

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property. <sup>2</sup>Excludes one-family homes on 10 acres or more.

Table B-10. Sales Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1970

[Data based on sample, see text. For meaning of symbols, see text]

Cedar Rapids	Sales price asked—Vacant for sale <sup>1</sup>							Rent asked—Vacant for rent <sup>2</sup>						
	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
<b>Total</b>	285	31	71	78	45	43	17	1 453	223	195	226	589	186	34
<b>PLUMBING FACILITIES</b>														
With all plumbing facilities	262	21	60	58	42	41	40	1 189	63	142	139	596	172	77
Lacking some or all plumbing facilities	21	21	—	—	—	—	—	201	77	78	46	—	—	—
<b>BEDROOMS</b>														
None and 1	41	21	—	20	—	—	—	839	109	173	170	341	46	—
2	80	—	60	—	—	—	—	346	16	32	15	210	73	—
3	102	21	—	19	42	20	20	131	15	15	—	16	38	47
4 or more	60	—	—	19	—	21	20	74	—	—	—	29	15	30
<b>YEAR STRUCTURE BUILT</b>														
1969 to March 1970	53	—	—	10	16	12	15	201	25	17	4	89	54	12
1960 to 1968	55	—	—	19	8	26	—	363	5	—	11	249	98	—
1950 to 1959	54	—	18	19	12	5	—	43	4	5	10	20	—	4
1949 or earlier	123	31	53	30	9	—	—	846	189	173	201	231	34	18
<b>UNITS IN STRUCTURE</b>														
1	...	...	...	...	...	...	...	228	44	45	34	87	6	12
2 to 4	...	...	...	...	...	...	...	398	36	78	118	133	28	5
5 to 19	...	...	...	...	...	...	...	621	138	72	74	235	85	17
20 or more	...	...	...	...	...	...	...	206	5	—	—	134	67	—
<b>INCLUSION OF UTILITIES IN RENT</b>														
All utilities included	...	...	...	...	...	...	...	504	149	128	105	102	10	10
Some or no utilities included	...	...	...	...	...	...	...	949	74	67	121	487	176	24

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property. <sup>2</sup>Excludes one-family homes on 10 acres or more.

## Appendix A.—AREA CLASSIFICATIONS

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### USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to 1790, each person enumerated in the 1970 census was counted as an inhabitant of his usual place of residence, which is generally construed to mean the place where he lives and sleeps most of the time. This place is not necessarily the same as his legal residence, voting residence, or domicile. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics although there may be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishing of residence rules for certain categories of persons whose usual place of residence is not immediately clear. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be found by the census enumerators. Persons without a usual place of residence were, however, counted where they were enumerated. Detailed information on residence rules is given in the 1970 Population Census PC(1)-A reports.

### COUNTIES

The primary divisions of the States are, in general, termed counties, but in Louisiana these divisions are known as parishes. There are no counties in Alaska; in this State, statistical areas called census divisions were developed

for general statistical purposes through the cooperation of the State and the Census Bureau and are treated as county equivalents. In four States (Maryland, Missouri, Nevada, and Virginia), there are one or more cities which are independent of any county organization and thus constitute primary divisions of their States.

### PLACES

Two types of places are recognized in the census reports, incorporated places and unincorporated places. Incorporated places are political units incorporated as cities, boroughs, towns, and villages except for (a) boroughs in Alaska and (b) towns in the New England States, New York, and Wisconsin. Unincorporated places are closely settled population centers without corporate limits for which the Census Bureau has delineated boundaries. Each place so delineated possesses a definite nucleus of residences and has its boundaries drawn to include, if feasible, all the surrounding closely settled area. Unincorporated places are identified with the letter "U."

### STANDARD METROPOLITAN STATISTICAL AREAS

The Bureau of the Census recognizes 243 standard metropolitan statistical areas (SMSA's) in the United States and 4 in Puerto Rico, making a total of 247 in the 1970 census. These include the 231 SMSA's as defined and named in the Bureau of the Budget publication, *Standard Metropolitan Statistical Areas: 1967*, U.S. Government Printing Office, Washington, D.C. 20402. Since 1967, 16 SMSA's have been added, of which two were defined in January 1968 and an additional 14 were defined in February

1971 on the basis of the results of the 1970 census. Changes in SMSA boundaries or titles made after February 1971 are not recognized in this series of reports. SMSA's are defined by the Office of Management and Budget (formerly Bureau of the Budget).

Except in the New England States, a standard metropolitan statistical area is a county or group of contiguous counties which contains at least one city of 50,000 inhabitants or more, or "twin cities" with a combined population of at least 50,000. In addition to the county or counties containing such a city or cities, contiguous counties are included in an SMSA if, according to certain criteria, they are socially and economically integrated with the central city. In the New England States, SMSA's consist of towns and cities instead of counties. Each SMSA must include at least one central city, and the complete title of an SMSA identifies the central city or cities. For a detailed description of the criteria used in defining SMSA's, see the Bureau of the Budget publication cited above.

The figures for central cities shown in this report may differ from those shown in the Housing Census HC(1)-A and HC(1)-B reports. In those reports, if a central city of an SMSA is an extended city (so designated because it has extended its boundaries to include territory essentially rural in character), the figures shown for the central city were restricted to the urban portion of the city. In addition, parts of central cities outside the SMSA boundaries were excluded from the central city tabulations. In this report, however, figures for central cities refer to the entire population and housing within the legal city boundaries, including any rural parts of the city or parts outside the SMSA.

## Appendix B.—DEFINITIONS AND EXPLANATIONS OF SUBJECT CHARACTERISTICS

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### GENERAL

Self-enumeration and census questionnaire.—As stated in the introductory text of this report, the 1970 census was conducted primarily through self-enumeration. Furthermore, census takers were instructed to read the questions directly from the questionnaire in their telephone and personal visit interviews. The questionnaire pages containing the housing questions asked on a 100-percent basis and the additional questions asked on a sample basis, as well as the page of the respondent instruction sheet which relates to these questions, are reproduced on pages App-10 to App-13. The definitions and explanations given below for each subject are, to a considerable extent, drawn from various technical and procedural materials used in the collection of the data. This material helped the enumerative personnel to understand more fully the intent of each question and thus to resolve problem or unusual cases. Also included is certain explanatory information to assist the user in the proper utilization of the statistics.

### Comparability with 1960 data.—

Although the 1970 data are generally comparable with the data collected in 1960, certain changes have been introduced. The 1960 inquiry regarding owner occupancy has been subdivided to show a separate category for cooperatives and condominiums in 1970. The 1960 question on cooking equipment was broadened in 1970 to cover "complete kitchen facilities"; i.e., an installed sink with piped water, a range or cookstove, and a mechanical refrigerator. On the other hand, the 1960 question on condition of housing unit (i.e., sound, deteriorating, or dilapidated) was eliminated because of serious problems with response reliability.

Items which were added to the 1970 questionnaire are dishwasher and owned second home. The 1960 inquiry on television has been subdivided to provide separate information on television sets which can receive UHF broadcasts. The 1970 inquiry on radios is limited to battery-operated sets including car radios, whereas the 1960 inquiry covered radio sets of all kinds located in the unit. Data on television sets and radios are not given in this report; statistics on these appliances, however, are presented in the 1970 Housing Census, HC(1)-B reports.

There have also been changes in the scope of some of the tabulations. The tabulations on value and contract rent refer to slightly different sets of housing units in 1970 than in 1960. Summarized generally, the difference is that the 1970 data exclude units on places of 10 acres or more whereas the 1960 data exclude units on farms; more specific information can be obtained by comparing the value and rent definitions in the present report with those in 1960 Housing Census Volume I.

Data on elevator in structure were collected for all geographic areas in 1970. In 1960, statistics on elevator in structure were collected only for large places; that is, places which had a population of 50,000 or more in 1950 or in an interim census.

Separate data on a number of subjects are presented for occupied units with Negro head of household. In 1960, this type of tabulation related to the total of all household heads other than white; Negro household heads constituted 95 percent of this total in 1960 for the Nation as a whole, but this proportion varied widely among areas.

Separate data are also shown in this report for housing units occupied by heads of Spanish heritage, that is, household heads of Spanish language or Spanish surname in five Southwestern States (Arizona, California, Colorado, New Mexico, and Texas), heads of Puerto Rican birth or parentage in New York, New Jersey, and Pennsylvania, and heads of Spanish language in all other States. In 1960, household heads of Spanish surname were identified in the five Southwestern States and Puerto Rican heads of households were identified in all other States. More information on the 1970 definition is given in this report and in the 1970 Population Census Series PC(1)-C reports; the 1960 definition is more fully explained in the 1960 Census of Housing Volume I reports.

### LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house,

mobile home or trailer, etc.). Living quarters may also be in structures intended for nonresidential use (e.g., the rooms in a warehouse where a watchman lives), as well as in tents, caves, old railroad cars, etc.

**Housing units.**—A housing unit is a house, an apartment, a group of rooms, or a single room occupied or intended for occupancy as separate living quarters. Separate living quarters are those in which the occupants do not live and eat with any other persons in the structure and which have either (1) direct access from the outside of the building or through a common hall or (2) complete kitchen facilities for the exclusive use of the occupants. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements (except as described in the section on group quarters). For vacant units, the criteria of separateness, direct access, and complete kitchen facilities for exclusive use are applied to the intended occupants, whenever possible. If the information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing inventory, except that mobile homes, trailers, tents, caves, boats, railroad cars, and the like, are included only if they are occupied.

**Group quarters.**—Group quarters are living arrangements for institutional inmates or for other groups containing five or more persons not related to the person in charge. Group quarters are located most frequently in institutions, boarding houses, military barracks, college dormitories, fraternity and sorority houses, hospitals, mona-

steries, convents, and ships. A house or apartment is considered group quarters if it is shared by the person in charge and five or more persons unrelated to him, or if there is no person in charge, by six or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

**Rules for mobile homes, hotels, rooming houses, etc.**—Mobile homes or trailers, tents, boats, or railroad cars are not enumerated if vacant, used only for business, or used only for vacations.

Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; i.e., persons who consider the hotel as their usual place of residence or have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels, motels, and similar places in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have either direct access or complete kitchen facilities for exclusive use, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain four or fewer roomers unrelated to the head, they are classified as one housing unit; if the combined quarters contain five or more roomers unrelated to the head or person in charge, they are classified as group quarters. In a dormitory, residence hall, or similar place, living quarters of the supervisory staff and other employees are separate housing units if they satisfy the housing unit

criteria; other living quarters are considered group quarters.

**Institutions.**—Living quarters of staff personnel are separate housing units if they satisfy the housing unit criteria. Other living quarters are considered group quarters.

#### OCCUPANCY AND VACANCY CHARACTERISTICS

**Occupied housing units.**—A housing unit is classified as occupied if a person or group of persons is living in it at the time of enumeration or if the occupants are only temporarily absent—for example, on vacation. However, if the persons staying in the unit have their usual place of residence elsewhere, the unit is classified as vacant.

A household consists of all the persons who occupy a housing unit. By definition, therefore, the count of occupied housing units is the same as the count of households in the 1970 Census of Population reports. In some cases, however, there may be small differences in the counts resulting from processing procedures.

**Race.**—The classification by race shown here refers to the race of the head of the household occupying the housing unit. Detailed characteristics of units with Negro head of household are presented in separate tables for SMSA's, cities or places having a Negro population of 25,000 or more. The concept of race as used by the Census Bureau does not denote clear-cut scientific definitions of biological stock. The data represent essentially self-classification by people according to the race with which they identify themselves.

**Spanish heritage.**—The inquiries in the 1970 census permit the identification of housing units occupied by heads of Spanish heritage by various means: birthplace, birthplace of parents, language, and surname. The specific types of identification are given below. A more detailed explanation is given in the 1970 Population Census PC(1)-C reports.

**Puerto Rican birth or parentage.**—Household heads of Puerto Rican birth or parentage are identified in the three Middle Atlantic States: New York, New Jersey, and Pennsylvania.

**Spanish language or Spanish surname.**—In five Southwestern States—Arizona, California, Colorado, New Mexico, and Texas—household heads of Spanish language or Spanish surname are identified. (A household head is classified as of Spanish language if the head or his wife reported Spanish as his or her mother tongue, i.e., the language spoken at home when the person was a child.)

**Spanish language.**—In all other States and the District of Columbia, household heads of Spanish language (as defined above) are identified.

Detailed characteristics of units with heads of Spanish heritage are presented in separate tables for SMSA's, cities or places having a population of 25,000 or more for the particular Spanish-heritage group.

**Tenure.**—(See facsimiles of questionnaire item H9 and instructions on pages App-10 and App-13.) A housing unit is "owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. A

cooperative or condominium unit is "owner occupied" only if the owner or co-owner lives in it. All other occupied units are classified as "renter occupied," including units rented for cash rent and those occupied without payment of cash rent.

**Year moved into unit.**—Data on year moved into unit are based on the information reported for the head of the household. The question refers to the year of latest move. Thus, if the head moved back into a unit he had previously occupied, the year of his latest move was to be reported; if he moved from one apartment to another in the same building, the year he moved into his present unit was to be reported. The intent is to establish the year the present occupancy by the head began. The year the head moves is not necessarily the same year other members of the household move, although in the great majority of cases the entire household moves at the same time.

**Vacant housing units.**—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. In addition, a vacant unit may be one which is occupied entirely by persons who have a usual residence elsewhere.

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if unfit for human habitation; that is, if the roof, walls, windows, or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned. Also

excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

**Vacancy status.**—(See facsimile of questionnaire item C on page App-10.) Vacant housing units are classified as either "seasonal and migratory" or "year-round." "Seasonal" units are intended for occupancy during only certain seasons of the year. Included are units intended for recreational use, such as beach cottages and hunting cabins, and vacant units held for herders and loggers. "Migratory" units are vacant units held for occupancy by migratory labor employed in farm work during the crop season. "Year-round" vacant housing units are available or intended for occupancy at any time of the year. A unit in a resort area which is usually occupied on a year-round basis is considered year-round. A unit used only occasionally throughout the year is also considered year-round.

This report presents statistics for "year-round" vacant units on the market for sale or for rent. Excluded are "seasonal and migratory" vacant units, as well as "year-round" vacant units sold or rented but not yet occupied by the new owner or renter, units held for the occasional use of the owner, and units held off the market for other reasons.

**Vacant for sale.**—Vacant year-round units "for sale" also include vacant units in a cooperative or condominium building if the individual units are offered for sale only.

**Vacant for rent.**—Vacant year-round units "for rent" also include vacant units offered either for rent or for sale.

**Duration of vacancy.**—(See facsimile of questionnaire item D on page App-10.) The statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the unit to the date of enumeration. The data, therefore, do not provide a direct measure of the total length of time units remain vacant. For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed.

#### UTILIZATION CHARACTERISTICS

**Persons.**—All persons occupying the housing unit are counted. These persons include not only occupants related to the head of the household but also any lodgers, roomers, boarders, partners, wards, foster children, and resident employees who share the living quarters of the household head. The data on "persons" show the number of housing units occupied by the specified number of persons.

Units with one or more roomers, boarders, or lodgers are shown as a separate category. Not included as "roomers, boarders, or lodgers" are servants who live in, companions, partners, etc.

**Rooms.**—(See facsimiles of questionnaire item H4 and instructions on pages App-10 and App-13.) The statistics on "rooms" are in terms of the number of housing units with specified number of rooms. The intent of this question was to count the number of whole rooms used for living purposes. As stated on the questionnaire and instruction sheet, bathrooms, foyers,

utility rooms, unfinished attics or basements, etc., are not included in the count of rooms.

**Persons per room.**—"Persons per room" is computed for each occupied unit by dividing the number of persons in the unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of housing units having the specified ratio of persons per room.

**Bedrooms.**—(See facsimile of questionnaire item H26 on page App-12.) The number of bedrooms in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a hideaway bed, are not considered bedrooms. A housing unit consisting of only one room, such as one-room efficiency apartment, is classified, by definition, as having no bedroom.

#### STRUCTURAL AND PLUMBING CHARACTERISTICS

**Direct access.**—(See facsimiles of questionnaire item H2 and instructions on pages App-10 and App-13.) A housing unit is regarded as having direct access if there is (1) a direct entrance from the outdoors, or (2) an entrance from a hall, lobby, or vestibule which is usually used by the occupants of more than one unit or by the general public.

**Complete kitchen facilities.**—(See facsimiles of questionnaire item H3 and instructions on pages App-10 and App-13.) A unit has complete kitchen facilities when it has all three of the

following: (1) an installed sink with piped water, (2) a range or cookstove, and (3) a mechanical refrigerator.

All kitchen facilities must be located in the structure. They need not be in the same room. Quarters with only portable cooking equipment are not considered as having a range or cookstove. An icebox is not included as a mechanical refrigerator.

The kitchen facilities are for the exclusive use of the occupants (shown on the questionnaire as "for this household only") when they are used only by the occupants of one housing unit, including lodgers or other unrelated persons living in the unit. When a structure consists of only one housing unit, all equipment located inside the structure is classified, by definition, for exclusive use.

**Year structure built.**—(See facsimile of questionnaire item H15 on page App-11.) Year structure built refers to when the building was first constructed, not when it was remodeled, added to, or converted. The figures relate to the number of units in structures built during the specified periods and in existence at the time of enumeration.

**Units in structure.**—(See facsimiles of questionnaire item H16 and instructions on pages App-11 and App-13.) In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented in terms of the number of housing units in structures of specified type and size, not in terms of the number of residential structures.

A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. Structures containing

only one housing unit are further classified as detached or attached (as explained on the questionnaire and instruction sheet).

Mobile homes and trailers are shown as a separate category. When one or more rooms have been added to a mobile home or trailer it is classified as a one-family house. If, however, only a porch or shed has been added, it is still counted as a mobile home or trailer.

The data on units in structure shown in this report may differ from the comparable figures in the HC(1)-A report. The answers to item H16 on the sample questionnaire made it possible in the HC(2) tabulations to correctly classify as mobile homes or trailers those which were incorrectly classified as one-family houses or as housing units in multiunit structures in the HC(1)-A tabulations.

**Elevator in structure.**—(See facsimiles of questionnaire item H24 and instructions on pages App-12 and App-13.) Statistics on elevator in structure are presented in terms of the number of housing units in structures with four stories or more which have a passenger elevator. Units are in a "walk-up" structure of four stories or more if the structure has no passenger elevator or if the only elevator service is for freight.

**Plumbing facilities.**—(See facsimiles of questionnaire items H5, H6, and H7 and instructions on pages App-10 and App-13.) The category "with all plumbing facilities" consists of units which have hot and cold piped water inside the structure as well as a flush toilet and a bathtub or shower inside the structure for the exclusive use of the occupants of the unit. "Lacking some or all plumbing facilities" means that the unit does not have all three

specified plumbing facilities (hot and cold piped water, as well as flush toilet and bathtub or shower inside the structure), or that the toilet or bathing facilities are also for the use of the occupants of other housing units.

**Complete bathrooms.**—(See facsimile of questionnaire item H21 on page App-11.) A housing unit is classified as having a complete bathroom if it has a room with a flush toilet and bathtub or shower for the exclusive use of the occupants of the unit and a wash basin, as well as piped hot water in the structure. (Although the instructions on the questionnaire do not specify that a complete bathroom must have hot water, this requirement was applied during the processing of the data in an edit combining the items on complete bathrooms and piped water in structure.) A half bathroom has either a flush toilet or a bathtub or shower for exclusive use, but does not have all the facilities for a complete bathroom.

The category "none or also used by another household" consists of units with no bathroom facilities, units with only a half bathroom, and units with bathroom facilities which are also for the use of the occupants of other housing units.

#### EQUIPMENT, FUELS, AND APPLIANCES

**Heating equipment.**—(See facsimiles of questionnaire item H14 and instructions on pages App-11 and App-13.) "Steam or hot water" refers to a central heating system in which heat from steam or hot water is delivered through radiators or other outlets. "Warm-air furnace" refers to a central system which provides warm air through ducts leading to various rooms; central heat pumps are

included in this category. "Built-in electric units" are permanently installed in floors, walls, or ceilings. A "floor, wall, or pipeless furnace" delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed. "Other means" includes room heaters with or without flue, fireplaces, stoves, and portable heaters of all types.

For vacant units from which the heating equipment had been removed, the equipment used by the last occupants was to be reported.

**Air conditioning.**—(See facsimiles of questionnaire item H22 and instructions on pages App-11 and App-13.) Air conditioning is defined as the cooling of air by a refrigeration unit; excluded are evaporative coolers, fans, or blowers which are not connected to a refrigeration unit. A central system is a central installation which air-conditions the entire housing unit. In an apartment building, a central system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems, each providing central air conditioning for a group of apartments. A central installation with individual room controls is a central air-conditioning system. A room unit is an individual air conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room.

**Automobiles available.**—(See facsimiles of questionnaire item H23 and instructions on pages App-11 and App-13.) Statistics on automobiles available represent the number of passenger automobiles, including station wagons, which are owned or regularly used by any member of the household and

which are ordinarily kept at home. Taxicabs, pickups, or larger trucks were not to be counted. The figures include leased automobiles and company-owned automobiles kept at home. The statistics, therefore, do not reflect the number of automobiles privately owned or the number of households owning automobiles.

**Appliances.**—(See facsimiles of questionnaire items H27 and instructions on pages App-12 and App-13.)

**Automatic clothes washing machine.**—This category describes a machine that washes, rinses, and damp dries in the same tub; washer-dryer combinations are included in this group.

**Clothes dryer.**—A clothes dryer is a mechanical appliance in which clothes are dried by heated air. A unit with a washer-dryer combination is classified as having a clothes dryer (as well as an automatic clothes washing machine.)

**Dishwasher.**—This category includes both built-in and portable dishwashers.

**Home food freezer.**—A home food freezer is an appliance, separate from the refrigerator, designed for freezing food and for storing frozen food.

**Owned second home.**—(See facsimiles of questionnaire item H30 and instructions on pages App-12 and App-13.) A second home may be a single-family house, vacation cottage, hunting cabin, ski lodge, etc., which is owned and held for use sometime during the year by the owner or members of his household. Second homes may also be owned in partnership with members of a different household. The figures include second homes which are some-

times rented or leased on a short-term basis to other persons but are principally held for the owner's occasional use during the year.

The statistics refer to the number of households that own (one or more) second homes. The data, therefore, do not reflect the number of owned second homes.

#### FINANCIAL CHARACTERISTICS

**Value.**—(See facsimiles of questionnaire item H11 and instructions on pages App-10 and App-13.) Value is the respondent's estimate of how much the property (house and lot) would sell for if it were for sale. The statistics on value are shown only for one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The value tabulations also exclude mobile homes and trailers and units in cooperatives and condominiums.

As stated in the section on "units in structure," certain mobile homes and trailers were incorrectly classified as one-family houses in the HC(1)-A tabulations. In the HC(2) reports, the number of specified owner-occupied (one-family) units and the value tabulations correctly exclude the misclassified mobile homes and trailers; these tend to be at the lower end of the value distribution. As a result, the data on value shown in this report may differ from the comparable statistics in the HC(1)-A report.

**Sales price asked.**—For vacant units, the sales price is the amount asked for the property at the time of enumeration. The statistics on sales price are shown only for vacant for sale one-family houses on less than 10 acres without a commercial establishment or medical office on the property.

**Gross rent.**—(See facsimiles of questionnaire items H12 and H13 and instructions on pages App-10, 11, and 13.) The computed rent termed "gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, water) and fuels (oil, coal, kerosene, wood, etc.), if these items are paid for by the renter (or paid for him by someone else, such as a relative, welfare agency, or friend) in addition to rent. Contract rent is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included. Thus, gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuel as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but they are converted to monthly figures in the computation process.

The statistics on rent exclude one-family houses on ten acres or more. Renter units occupied without payment of cash rent are shown separately as "no cash rent" in the rent tabulations.

**Rent asked.**—For vacant units, the rent is the amount asked for the unit at the time of enumeration. The data are for vacant year-round units for rent, excluding one-family houses on ten acres or more. In table 10, data are provided for two kinds of vacant-for-rent units—those for which the rent includes payment for all utilities and fuel, and those for which the rent includes only some or none of the utilities and fuel. See section on "Gross rent" above for discussion of utilities and fuel.

**Value-income ratio.**—The value-income ratio is computed by dividing the value

of the housing unit by the total income in 1969 of the family or primary individual. The ratio is presented for the same owner-occupied units for which value was tabulated; thus, the statistics on value-income ratio reflect the exclusion of certain owner-occupied units. The ratio was computed separately for each unit and was rounded to the nearest tenth. In reporting value, respondents were asked to select an appropriate class interval. The midpoints of the value intervals were used in the computation of the value-income ratio, except that a mean of \$3,500 was assigned for values less than \$5,000 and a mean of \$60,000 was assigned for values of \$50,000 or more. For income, the dollar amounts were used. Units occupied by families or primary individuals who reported no income or a net loss comprise the category "not computed."

**Gross rent as percentage of income.**—The yearly gross rent (monthly gross rent multiplied by 12) is expressed as a percentage of the total income in 1969 of the family or primary individual. The percentage is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics on gross rent as percentage of income reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. For gross rent, the dollar amounts were used in the computation except that \$999 was assigned for monthly rentals of \$1,000 or more. For income, the dollar amounts were used. Units for which no cash rent is paid and units occupied by families or primary individuals who reported no income or a net loss comprise the category "not computed."

## HOUSEHOLD CHARACTERISTICS

**Head of household.**—One person in each household is designated as the "head," that is, the person who is regarded as the head by the members of the household. However, if a married woman living with her husband is reported as the head, her husband was considered the head for the purpose of simplifying the tabulations.

**Household composition.**—Statistics by age of head are presented separately for two-or-more person households and for one-person households. Households having two or more persons are further subdivided as follows:

**Male head, wife present, no non-relatives.**—Each household in this group consists of the head and his wife, and other persons, if any, all of whom are related to him.

**Other male head.**—This category includes households with male head, wife present, with non-relatives living with them; male heads who are married, but with wife absent because of separation or other reason where husband and wife maintain separate residences; and male heads who are widowed, divorced, or single.

**Female head.**—This group comprises households with female heads regardless of their marital status. Included are female heads with no spouse and female heads whose husbands are living away from their families, as for example, husbands in the Armed Forces living on military installations.

Households consisting of only one person are shown separately as "one-person households" and are not included in the subcategories "other male head" and "female head."

**Nonrelative.**—A nonrelative of the head is any person in the household who is not related to the head by blood, marriage, or adoption. Roomers, boarders, lodgers, partners, resident employees, wards, and foster children are included in this category.

**Family or primary individual.**—Housing units are occupied by either "families" or "primary individuals." The term "family" refers to the head of a household and all (one or more) other persons living in the same household who are related to the head by blood, marriage, or adoption. If the head lives alone or with nonrelatives only, then the head is considered a "primary individual."

*Married couples related to the head of a family are included in the family and are not considered as separate families. A lodger, servant, or other person unrelated to the head is considered a member of the household but not of the family.*

In the statistics on household composition, families are always included in one of the three major groups of two-or-more person households. Primary individuals with nonrelatives living with them are tabulated as "other male head" or "female head." Primary individuals living alone are always tabulated as "one-person households."

**Income in 1969.**—Income is the sum of the amounts reported for wage and salary income, net self-employment income, Social Security or railroad retirement income, public assistance or welfare income, and all other income. The figures represent the amount of income received before deductions for personal income taxes, Social Security, bond purchases, union dues, health insurance premiums, Medicare deductions, etc.

In this report, the statistics relate to the income of the family or primary individual occupying the housing unit; that is, the sum of the income of the head of the family and all other members of the family 14 years old and over or the income of the primary individual. Incomes of persons living in the unit but not related to the head of the household are not included in this sum. Although the income statistics cover the calendar year 1969, the characteristics of the household refer to the time of enumeration (April 1970). Thus, the income of the family does not include amounts received by persons who were members of the family during all or part of the calendar year 1969 if these persons no longer resided with the family at the time of the census. On the other hand, family income includes amounts reported by related persons who did not reside with the family during 1969 but who were members of the family at the time of enumeration. For most families, however, the income reported was received by persons who were members of the family throughout 1969.

Wage or salary income is defined as the total money earnings received for work performed as an employee at any time during the calendar year 1969. It includes wages, salary, pay from Armed Forces, commissions, tips, piece rate payments, and cash bonuses earned. Net self-employment income is defined as net money income (gross receipts minus operating expenses) received from a business, farm, professional enterprise, or partnership in which the person was engaged on his own account.

Social Security or railroad retirement income includes cash receipts of Social Security pensions, survivors' benefits, permanent disability insurance payments, and special benefit payments made by the Social Security Administration. Cash receipt of retire-

ment, disability, and survivors' benefit payments made by the U.S. Government under the Railroad Retirement Act are also included. Public assistance income includes cash receipts of payments made under the following public assistance programs: Aid to families with dependent children, old age assistance, general assistance, aid to the blind, and aid to the permanently and totally disabled. Separate payments received for hospital or other medical care are not included.

Income from all other sources includes money income received from sources such as interest; dividends; net income (or loss) from property rentals; net receipts from roomers or boarders; veteran's payments; public or private pensions; periodic receipts from insurance policies or annuities; unemployment insurance benefits; workmen's compensation cash benefits; net royalties; periodic payments from estates and trust funds; alimony or child support from persons who are not members of the household; net gambling gains; nonservice scholarships and fellowships; and money received for transportation and/or subsistence by persons participating in special governmental training programs, e.g., under the Manpower Development and Training Act.

Receipts from the following sources were not included as income: Money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" such as food produced and consumed in the home or free living quarters; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts. (A more detailed discussion of income is given in the 1970 Population Census, PC(1)-C reports.)

APPENDIX B—Continued

FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES  
(Questions on this page appeared on both the 15-percent and 5-percent questionnaires)

<p><b>A.</b> How many living quarters, occupied and vacant, are at this address?</p> <p><input type="radio"/> One</p> <p><input type="radio"/> 2 apartments or living quarters</p> <p><input type="radio"/> 3 apartments or living quarters</p> <p><input type="radio"/> 4 apartments or living quarters</p> <p><input type="radio"/> 5 apartments or living quarters</p> <p><input type="radio"/> 6 apartments or living quarters</p> <p><input type="radio"/> 7 apartments or living quarters</p> <p><input type="radio"/> 8 apartments or living quarters</p> <p><input type="radio"/> 9 apartments or living quarters</p> <p><input type="radio"/> 10 or more apartments or living quarters</p> <p><input type="radio"/> This is a mobile home or trailer.</p> <p>• ■ •</p> <p><i>Answer these questions for your living quarters</i></p> <p><b>H1.</b> Is there a telephone on which people in your living quarters can be called?</p> <p><input type="radio"/> Yes — What is the number? _____</p> <p style="text-align: right; margin-right: 50px;"><i>Phone number</i></p> <p><b>H2.</b> Do you enter your living quarters—</p> <p><input type="radio"/> Directly from the outside or through a common or public hall?</p> <p><input type="radio"/> Through someone else's living quarters?</p> <p><b>H3.</b> Do you have complete kitchen facilities?</p> <p><i>Complete kitchen facilities are a sink with piped water, a range or cook stove, and a refrigerator.</i></p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No complete kitchen facilities for this household</p> <p><b>H4.</b> How many rooms do you have in your living quarters?</p> <p><i>Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.</i></p> <p><input type="radio"/> 1 room                      <input type="radio"/> 6 rooms</p> <p><input type="radio"/> 2 rooms                      <input type="radio"/> 7 rooms</p> <p><input type="radio"/> 3 rooms                      <input type="radio"/> 8 rooms</p> <p><input type="radio"/> 4 rooms                      <input type="radio"/> 9 rooms or more</p> <p><input type="radio"/> 5 rooms</p> <p><b>H5.</b> Is there hot and cold piped water in this building?</p> <p><input type="radio"/> Yes, hot and cold piped water in this building</p> <p><input type="radio"/> No, only cold piped water in this building</p> <p><input type="radio"/> No piped water in this building</p> <p><b>H6.</b> Do you have a flush toilet?</p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No flush toilet</p> <p>■</p> <p><b>H7.</b> Do you have a bathtub or shower?</p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No bathtub or shower</p> <p><b>H8.</b> Is there a basement in this building?</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No, built on a concrete slab</p> <p><input type="radio"/> No, built in another way (include mobile homes and trailers)</p>	<p><b>H9.</b> Are your living quarters—</p> <p><input type="radio"/> Owned or being bought by you or by someone else in this household? <i>Do not include cooperatives and condominiums here.</i></p> <p><input type="radio"/> A cooperative or condominium which is owned or being bought by you or by someone else in this household?</p> <p><input type="radio"/> Rented for cash rent?</p> <p><input type="radio"/> Occupied without payment of cash rent?</p> <p><b>H10a.</b> Is this building a one-family house?</p> <p><input type="radio"/> Yes, a one-family house</p> <p><input type="radio"/> No, a building for 2 or more families or a mobile home or trailer</p> <p><b>b.</b> If "Yes"—Is this house on a place of 10 acres or more, or is any part of this property used as a commercial establishment or medical office?</p> <p><input type="radio"/> Yes, 10 acres or more</p> <p><input type="radio"/> Yes, commercial establishment or medical office</p> <p><input type="radio"/> No, none of the above</p> <p><b>H11.</b> If you live in a one-family house which you own or are buying—</p> <p>What is the value of this property; that is, how much do you think this property (house and lot) would sell for if it were for sale?</p> <p><input type="radio"/> Less than \$5,000</p> <p><input type="radio"/> \$5,000 to \$7,499</p> <p><input type="radio"/> \$7,500 to \$9,999</p> <p><input type="radio"/> \$10,000 to \$12,499</p> <p><input type="radio"/> \$12,500 to \$14,999</p> <p><input type="radio"/> \$15,000 to \$17,499</p> <p><input type="radio"/> \$17,500 to \$19,999</p> <p><input type="radio"/> \$20,000 to \$24,999</p> <p><input type="radio"/> \$25,000 to \$34,999</p> <p><input type="radio"/> \$35,000 to \$49,999</p> <p><input type="radio"/> \$50,000 or more</p> <p style="font-size: small; border: 1px solid black; padding: 2px; width: fit-content; margin-left: 20px;"><i>If this house is on a place of 10 acres or more, or if any part of this property is used as a commercial establishment or medical office, do not answer this question.</i></p> <p><b>H12.</b> Answer this question if you pay rent for your living quarters.</p> <p><b>a.</b> If rent is paid by the month—</p> <p>What is the monthly rent?</p> <p>Write amount here → \$ _____ .00 (Nearest dollar)</p> <p style="text-align: center;"><i>and</i></p> <p>Fill one circle →</p> <p><input type="radio"/> Less than \$30</p> <p><input type="radio"/> \$30 to \$39</p> <p><input type="radio"/> \$40 to \$49</p> <p><input type="radio"/> \$50 to \$59</p> <p><input type="radio"/> \$60 to \$69</p> <p><input type="radio"/> \$70 to \$79</p> <p><input type="radio"/> \$80 to \$89</p> <p><input type="radio"/> \$90 to \$99</p> <p><input type="radio"/> \$100 to \$119</p> <p><input type="radio"/> \$120 to \$149</p> <p><input type="radio"/> \$150 to \$199</p> <p><input type="radio"/> \$200 to \$249</p> <p><input type="radio"/> \$250 to \$299</p> <p><input type="radio"/> \$300 or more</p> <p><b>b.</b> If rent is not paid by the month—</p> <p>What is the rent, and what period of time does it cover?</p> <p>\$ _____ .00 per _____</p> <p style="text-align: center;"><i>(Nearest dollar) (Week, half-month, year, etc.)</i></p>	<p style="text-align: center; font-weight: bold; font-size: small;">FOR CENSUS ENUMERATOR'S USE ONLY</p> <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%; border-right: 1px solid black; padding: 2px;"><b>a4.</b> Block number</td> <td style="width:50%; padding: 2px;"><b>a5.</b> Serial number</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">0 0 0 0 0 0 0 0 0 0</td> <td style="padding: 2px;">0 0 0 0 0 0 0 0 0 0</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">1 0 0 0 1 0 0 0 1</td> <td style="padding: 2px;">1 0 0 0 1 0 0 0 1</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">2 0 0 0 2 0 0 0 2</td> <td style="padding: 2px;">2 0 0 0 2 0 0 0 2</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">3 0 0 0 3 0 0 0 3</td> <td style="padding: 2px;">3 0 0 0 3 0 0 0 3</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">4 0 0 0 4 0 0 0 4</td> <td style="padding: 2px;">4 0 0 0 4 0 0 0 4</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">5 0 0 0 5 0 0 0 5</td> <td style="padding: 2px;">5 0 0 0 5 0 0 0 5</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">6 0 0 0 6 0 0 0 6</td> <td style="padding: 2px;">6 0 0 0 6 0 0 0 6</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">7 0 0 0 7 0 0 0 7</td> <td style="padding: 2px;">7 0 0 0 7 0 0 0 7</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">8 0 0 0 8 0 0 0 8</td> <td style="padding: 2px;">8 0 0 0 8 0 0 0 8</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">9 0 0 0 9 0 0 0 9</td> <td style="padding: 2px;">9 0 0 0 9 0 0 0 9</td> </tr> </table> <p><b>B. Type of unit or quarters</b></p> <p><b>Occupied</b></p> <p><input type="radio"/> First form</p> <p><input type="radio"/> Continuation</p> <p><b>Vacant</b></p> <p><input type="radio"/> Regular</p> <p><input type="radio"/> Usual residence elsewhere</p> <p><b>Group quarters</b></p> <p><input type="radio"/> First form</p> <p><input type="radio"/> Continuation</p> <p style="font-size: x-small;">For a vacant unit, also fill C, D, A, H2 to H8, and H10 to H12</p> <p><b>C. Vacancy status</b></p> <p><b>Year round—</b></p> <p><input type="radio"/> For rent</p> <p><input type="radio"/> For sale only</p> <p><input type="radio"/> Rented or sold, not occupied</p> <p><input type="radio"/> Held for occasional use</p> <p><input type="radio"/> Other vacant</p> <p><input type="radio"/> Seasonal</p> <p><input type="radio"/> Migratory</p> <p>■</p> <p><b>D. Months vacant</b></p> <p><input type="radio"/> Less than 1 month</p> <p><input type="radio"/> 1 up to 2 months</p> <p><input type="radio"/> 2 up to 6 months</p> <p><input type="radio"/> 6 up to 12 months</p> <p><input type="radio"/> 1 year up to 2 years</p> <p><input type="radio"/> 2 years or more</p> <p><b>C/O</b>    <input type="radio"/>    <input type="radio"/></p>	<b>a4.</b> Block number	<b>a5.</b> Serial number	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	1 0 0 0 1 0 0 0 1	1 0 0 0 1 0 0 0 1	2 0 0 0 2 0 0 0 2	2 0 0 0 2 0 0 0 2	3 0 0 0 3 0 0 0 3	3 0 0 0 3 0 0 0 3	4 0 0 0 4 0 0 0 4	4 0 0 0 4 0 0 0 4	5 0 0 0 5 0 0 0 5	5 0 0 0 5 0 0 0 5	6 0 0 0 6 0 0 0 6	6 0 0 0 6 0 0 0 6	7 0 0 0 7 0 0 0 7	7 0 0 0 7 0 0 0 7	8 0 0 0 8 0 0 0 8	8 0 0 0 8 0 0 0 8	9 0 0 0 9 0 0 0 9	9 0 0 0 9 0 0 0 9
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FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES  
(Percent indicates sample size)

<p><b>H13.</b> Answer question H13 if you pay rent for your living quarters. In addition to the rent entered in H12, do you also pay for—</p> <p>a. Electricity?  <input type="radio"/> Yes, average monthly cost is \$ _____ .00  <input type="radio"/> No, included in rent  <input type="radio"/> No, electricity not used  <i>Average monthly cost</i></p> <p>b. Gas?  <input type="radio"/> Yes, average monthly cost is \$ _____ .00  <input type="radio"/> No, included in rent  <input type="radio"/> No, gas not used  <i>Average monthly cost</i></p> <p>c. Water?  <input type="radio"/> Yes, yearly cost is \$ _____ .00  <input type="radio"/> No, included in rent or no charge  <i>Yearly cost</i></p> <p>d. Oil, coal, kerosene, wood, etc.?  <input type="radio"/> Yes, yearly cost is \$ _____ .00  <input type="radio"/> No, included in rent  <input type="radio"/> No, these fuels not used  <i>Yearly cost</i></p>	<p><b>H19.</b> Do you get water from—</p> <p><input type="radio"/> A public system (city water department, etc.) or private company?  <input type="radio"/> An individual well?  <input type="radio"/> Some other source (a spring, creek, river, cistern, etc.)?</p>
<p><b>H14.</b> How are your living quarters heated? Fill one circle for the kind of heat you use most.</p> <p><input type="radio"/> Steam or hot water system  <input type="radio"/> Central warm air furnace with ducts to the individual rooms, or central heat pump  <input type="radio"/> Built-in electric units (permanently installed in wall, ceiling, or baseboard)  <input type="radio"/> Floor, wall, or pipeless furnace  <input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene  <input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable)  <input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind  <input type="radio"/> In some other way—Describe _____  <input type="radio"/> None, unit has no heating equipment</p>	<p><b>H20.</b> Is this building connected to a public sewer?  <input type="radio"/> Yes, connected to public sewer  <input type="radio"/> No, connected to septic tank or cesspool  <input type="radio"/> No, use other means</p> <p><b>H21.</b> How many bathrooms do you have? A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water. A half bathroom has at least a flush toilet or bathtub or shower, but does not have all the facilities for a complete bathroom.</p> <p><input type="radio"/> No bathroom, or only a half bathroom  <input type="radio"/> 1 complete bathroom  <input type="radio"/> 1 complete bathroom, plus half bath(s)  <input type="radio"/> 2 complete bathrooms  <input type="radio"/> 2 complete bathrooms, plus half bath(s)  <input type="radio"/> 3 or more complete bathrooms</p>
<p><b>H15.</b> About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</p> <p><input type="radio"/> 1969 or 1970    <input type="radio"/> 1950 to 1959  <input type="radio"/> 1965 to 1968    <input type="radio"/> 1940 to 1949  <input type="radio"/> 1960 to 1964    <input type="radio"/> 1939 or earlier</p>	<p><b>H22.</b> Do you have air-conditioning?  <input type="radio"/> Yes, 1 individual room unit  <input type="radio"/> Yes, 2 or more individual room units  <input type="radio"/> Yes, a central air-conditioning system  <input type="radio"/> No</p>
<p><b>H16.</b> Which best describes this building? Include all apartments, flats, etc., even if vacant.</p> <p><input type="radio"/> A one-family house detached from any other house  <input type="radio"/> A one-family house attached to one or more houses  <input type="radio"/> A building for 2 families  <input type="radio"/> A building for 3 or 4 families  <input type="radio"/> A building for 5 to 9 families  <input type="radio"/> A building for 10 to 19 families  <input type="radio"/> A building for 20 to 49 families  <input type="radio"/> A building for 50 or more families  <input type="radio"/> A mobile home or trailer  <input type="radio"/> Other— Describe _____</p>	<p><b>H23.</b> How many passenger automobiles are owned or regularly used by members of your household? Count company cars kept at home.</p> <p><input type="radio"/> None  <input type="radio"/> 1 automobile  <input type="radio"/> 2 automobiles  <input type="radio"/> 3 automobiles or more</p>
<p><b>H17.</b> Is this building—</p> <p><input type="radio"/> On a city or suburban lot?— Skip to H19  <input type="radio"/> On a place of less than 10 acres?  <input type="radio"/> On a place of 10 acres or more?</p>	
<p><b>H18.</b> Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to—</p> <p><input type="radio"/> Less than \$50 (or None)    <input type="radio"/> \$2,500 to \$4,999  <input type="radio"/> \$50 to \$249    <input type="radio"/> \$5,000 to \$9,999  <input type="radio"/> \$250 to \$2,499    <input type="radio"/> \$10,000 or more</p>	

15 and 5 percent

15 percent

FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES  
(Percent indicates sample size)

<p><b>H13.</b> Answer question H13 if you pay rent for your living quarters. In addition to the rent entered in H12, do you also pay for—</p> <p>a. Electricity?  <input type="radio"/> Yes, average monthly cost is \$ _____ .00  <input type="radio"/> No, included in rent  <input type="radio"/> No, electricity not used  <i>Average monthly cost</i></p> <p>b. Gas?  <input type="radio"/> Yes, average monthly cost is \$ _____ .00  <input type="radio"/> No, included in rent  <input type="radio"/> No, gas not used  <i>Average monthly cost</i></p> <p>c. Water? <input checked="" type="checkbox"/>  <input type="radio"/> Yes, yearly cost is \$ _____ .00  <input type="radio"/> No, included in rent or no charge  <i>Yearly cost</i></p> <p>d. Oil, coal, kerosene, wood, etc.?  <input type="radio"/> Yes, yearly cost is \$ _____ .00  <input type="radio"/> No, included in rent  <input type="radio"/> No, these fuels not used  <i>Yearly cost</i></p>	<p><b>H24a.</b> How many stories (floors) are in this building?  <input type="radio"/> 1 to 3 stories  <input type="radio"/> 4 to 6 stories  <input type="radio"/> 7 to 12 stories  <input checked="" type="radio"/> 13 stories or more</p> <p>b. If 4 or more stories— Is there a passenger elevator in this building?  <input type="radio"/> Yes <input type="radio"/> No</p>
<p><b>H14.</b> How are your living quarters heated? Fill one circle for the kind of heat you use most.</p> <input type="radio"/> Steam or hot water system <input type="radio"/> Central warm air furnace with ducts to the individual rooms, or central heat pump <input type="radio"/> Built-in electric units (permanently installed in wall, ceiling, or baseboard) <input checked="" type="checkbox"/> <input type="radio"/> Floor, wall, or pipeless furnace <input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene <input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable) <input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind In some other way—Describe _____ <input type="radio"/> None, unit has no heating equipment	<p><b>H25a.</b> Which fuel is used most for cooking?  <input checked="" type="checkbox"/> Gas          From underground pipes serving the neighborhood. <input type="radio"/>          Bottled, tank, or LP. .... <input type="radio"/>          Electricity..... <input type="radio"/>          Fuel oil, kerosene, etc. .... <input type="radio"/>  <input type="radio"/> Coal or coke <input type="radio"/>  <input type="radio"/> Wood ..... <input type="radio"/>  <input type="radio"/> Other fuel .. <input type="radio"/>  <input type="radio"/> No fuel used <input type="radio"/></p> <p>b. Which fuel is used most for house heating?  <input checked="" type="checkbox"/> Gas          From underground pipes serving the neighborhood. <input type="radio"/>          Bottled, tank, or LP. .... <input type="radio"/>          Electricity..... <input type="radio"/>          Fuel oil, kerosene, etc. .... <input type="radio"/>  <input type="radio"/> Coal or coke <input type="radio"/>  <input type="radio"/> Wood ..... <input type="radio"/>  <input type="radio"/> Other fuel .. <input type="radio"/>  <input type="radio"/> No fuel used <input type="radio"/></p>
<p><b>H15.</b> About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</p> <input type="radio"/> 1969 or 1970 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1965 to 1968 <input checked="" type="radio"/> 1940 to 1949 <input type="radio"/> 1960 to 1964 <input type="radio"/> 1939 or earlier	<p>c. Which fuel is used most for water heating?  <input checked="" type="checkbox"/> Gas          From underground pipes serving the neighborhood. <input type="radio"/>          Bottled, tank, or LP. .... <input type="radio"/>          Electricity..... <input type="radio"/>          Fuel oil, kerosene, etc. .... <input type="radio"/>  <input type="radio"/> Coal or coke <input type="radio"/>  <input type="radio"/> Wood ..... <input type="radio"/>  <input type="radio"/> Other fuel .. <input type="radio"/>  <input type="radio"/> No fuel used <input type="radio"/></p> <p><b>H26.</b> How many bedrooms do you have? Count rooms used mainly for sleeping even if used also for other purposes.  <input type="radio"/> No bedroom <input type="radio"/> 3 bedrooms  <input type="radio"/> 1 bedroom <input checked="" type="radio"/> 4 bedrooms  <input type="radio"/> 2 bedrooms <input type="radio"/> 5 bedrooms or more</p>
<p><b>H16.</b> Which best describes this building? Include all apartments, flats, etc., even if vacant.</p> <input type="radio"/> A one-family house detached from any other house <input type="radio"/> A one-family house attached to one or more houses <input type="radio"/> A building for 2 families <input type="radio"/> A building for 3 or 4 families <input type="radio"/> A building for 5 to 9 families <input checked="" type="radio"/> A building for 10 to 19 families <input checked="" type="radio"/> <input type="radio"/> A building for 20 to 49 families <input type="radio"/> A building for 50 or more families <input type="radio"/> A mobile home or trailer Other— Describe _____	<p><b>H27a.</b> Do you have a clothes washing machine?  <input type="radio"/> Yes, automatic or semi-automatic  <input type="radio"/> Yes, wringer or separate spinner  <input type="radio"/> No</p> <p>b. Do you have a clothes dryer?  <input type="radio"/> Yes, electrically heated  <input type="radio"/> Yes, gas heated  <input checked="" type="radio"/> No</p> <p>c. Do you have a dishwasher (built-in or portable)?  <input type="radio"/> Yes <input type="radio"/> No</p> <p>d. Do you have a home food freezer which is separate from your refrigerator?  <input type="radio"/> Yes <input type="radio"/> No</p>
<p><b>H17.</b> Is this building—  <input type="radio"/> On a city or suburban lot?—Skip to H24  <input type="radio"/> On a place of less than 10 acres?  <input type="radio"/> On a place of 10 acres or more?</p>	<p><b>H28a.</b> Do you have a television set? Count only sets in working order.  <input type="radio"/> Yes, one set  <input type="radio"/> Yes, two or more sets  <input type="radio"/> No</p> <p>b. If "Yes"—is any set equipped to receive UHF broadcasts, that is, channels 14 to 83?  <input type="radio"/> Yes <input checked="" type="radio"/> No</p>
<p><b>H18.</b> Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to—  <input type="radio"/> Less than \$50 (or None) <input checked="" type="radio"/> \$2,500 to \$4,999  <input type="radio"/> \$50 to \$249 <input type="radio"/> \$5,000 to \$9,999  <input type="radio"/> \$250 to \$2,499 <input type="radio"/> \$10,000 or more</p>	<p><b>H29.</b> Do you have a battery-operated radio? Count car radios, transistors, and other battery-operated sets in working order or needing only a new battery for operation.  <input type="radio"/> Yes, one or more <input type="radio"/> No</p> <p><b>H30.</b> Do you (or any member of your household) own a second home or other living quarters which you occupy sometime during the year?  <input type="radio"/> Yes <input type="radio"/> No</p>

15 and 5 percent

5 percent

APPENDIX B—Continued

FACSIMILE OF THE RESPONDENT INSTRUCTIONS FOR THE HOUSING QUESTIONS IN THE 1970 CENSUS

If you live in an apartment building and you do not know the answers to questions H14, H15, H16, and H25, ask the person who runs your building (for example, the manager, rental agent, superintendent, janitor, etc.).

- A. Mark only one circle. This address means the house or building number where your living quarters are located.
- H1. Mark **Yes** and enter telephone number, even if the telephone is in another apartment or building.
- H2. Mark the second circle only if you must go through someone else's living quarters to get to your own.
- H3. The kitchen sink, stove, and refrigerator do not have to be in the same room.  
Also used by another household means that someone else who lives in the same building, but is not a member of your household, also uses the equipment. Mark this circle also if the occupants of living quarters now vacant would also use the equipment.
- H4. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count kitchenettes, strip or pullman kitchens; utility rooms; or unfinished attics, basements, or other space used for storage.
- H5. Mark hot water even if you have it only part of the time.
- H6, H7. See instructions for H3 for meaning of **Also used by another household**.
- H8. A house has a **basement** if there is enclosed space in which persons can walk upright under all or part of the building. A house on a concrete slab has no basement and no air or crawl space below it. A house built in another way is one directly on the ground or resting on a foundation or posts to provide crawl space.
- H9. **Owned or being bought** means that the living quarters are owned outright or are mortgaged. Also mark **Owned or being bought** if the living quarters are owned but the land is rented.  
Mark **Rented for cash rent** if any money rent is paid. Rent may be paid by persons who are not members of your household.  
Occupied without payment of cash rent includes, for example, a parsonage, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.
- H10. A **commercial establishment** is easily recognized from the outside; for example, a grocery store or barber shop. A **medical office** is a doctor's or dentist's office regularly visited by patients. If your house is on a place of 10 acres or more and also contains a commercial establishment or medical office, mark **Yes, 10 acres or more**.
- H11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the land.
- H12. Report the rent agreed to or contracted for, even if the furnishings, utilities, or services are included.  
a. If you pay rent by the month, write in the amount of rent and fill one circle.  
b. If rent is not paid by the month, answer both parts of b. For example, \$20 per week, \$1,500 per year, etc.
- H13. If exact costs are not known, estimate as closely as possible. Report amounts even if bills are unpaid or are paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket ( ) the two utilities.
- H14. This question refers to the type of heating equipment and not to the fuel used.  
A **heat pump** is sometimes known as a **reverse cycle** system.  
A **floor, wall, or pipeless furnace** delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed. These furnaces do not have ducts leading to other rooms.  
Any heater that you plug into an electric outlet should be counted as a **portable room heater**—not a built-in electric unit.
- H16. Count all occupied and vacant living quarters in the house or building, but not stores or office space.  
**Detached** means there is open space on all sides, or the house is joined only to a shed or garage. **Attached** means that the house is joined to another house or building by at least one wall which goes from ground to roof.
- H17. A **city or suburban lot** is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a city or suburban lot.  
A **place** is a farm, ranch, or any other property, other than a city or suburban lot, on which this residence is located.
- H18. Fill the circle for the total (gross) amount of money received from the sales of crops, livestock, and other farm products produced on this place during the calendar year 1969.
- H19. If a well provides water for six or more houses or apartments, mark a **public system**. If a well provides water for five or fewer houses or apartments, mark an **individual well**.
- H20. A **public sewer** is operated by a government body or a private organization. A **septic tank or cesspool** is an underground tank or pit used for disposal of sewage.
- H22. Count only equipment with a refrigeration unit to cool the air. Mark an **individual room unit** for air conditioners which are installed in a window or in an outside wall and are used to cool one or more rooms. Mark a **central system** for a central installation which cools the entire house or apartment.
- H23. Do not count cars permanently out of working order. Also do not count taxicabs, pickups, or larger trucks.
- H24a. Do not count a basement as a story.  
b. Do not count elevators used only for freight.
- H25. **Gas from underground pipes** is piped in from a central system such as a public utility company or a municipal government. **Bottled, tank, or LP gas** is stored in tanks which are refilled or exchanged when empty. **Other fuel** includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.
- H27. Mark the **Yes** circle whether you own the appliance or it is provided as part of the equipment in your living quarters. Do not count coin-operated equipment or appliances in storage.
- H28. Count any set equipped to receive UHF (ultra high frequency) broadcasts, even if there are no such broadcasts in your area. Include sets that can be tuned directly to channels 14 to 83 and sets that receive UHF broadcasts by means of a converter. Also include sets that receive UHF broadcasts through a community antenna (CATV) or master antenna.
- H29. A battery-operated radio is one that can be run on batteries and does not need to be plugged into an electric socket. Include battery-operated sets owned by any member of the household.
- H30. Do not count vacation trailers, tents, or boats. Also do not count second homes used only for investment purposes.

## Appendix C.—ACCURACY OF THE DATA

SOURCES OF ERROR.....	App-14
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SAMPLE DESIGN .....	App-14
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### SOURCES OF ERROR

Human and mechanical errors occur in any mass statistical operation such as a decennial census. Errors during the data collection phase can include failure to obtain required information from respondents, obtaining incorrect or inconsistent information, and recording information in the wrong place or incorrectly. Errors can also occur during the field review of the enumerator's work, the clerical handling of the questionnaires, the manual editing and coding operations, and the various stages of the electronic processing of the material. Careful efforts are made in every census to keep the errors in each step at an acceptably low level. Quality control and check measures are utilized throughout the census operation. As was done for the 1950 and 1960 censuses, evaluative material on many aspects of the 1970 census will be published as soon as the appropriate data are accumulated and analyzed. A major concern in the evaluation work is to ascertain, insofar as possible, the degree of completeness of the count of both population and housing units.

### EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of statistics that describes the Nation's housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

Whenever information was missing, an allocation procedure was used to assign an entry, thereby eliminating the need for a "not reported" category in the tabulations. The assignment was based on related information reported for the housing unit or on information reported for a similar unit in the immediate neighborhood. For example, if tenure for an occupied unit was omitted but a rental amount was reported, the computer automatically edited tenure to "rented for cash rent." On the other hand, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renter-occupied unit.

A similar procedure was used when the information reported for an item was inconsistent with other information reported for the unit. For example, if a housing unit was enumerated as having no piped water but having both a bathtub (or shower) and flush toilet for the exclusive use of the occupants of the unit, the computer edited water supply to "hot and cold water," a category considered to be consistent with the reported bathing and toilet facilities.

Specific tolerances were established for the number of computer allocations that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper micro-filming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

The extent of allocations for non-responses and inconsistencies is given

for SMSA's and places in the allocation tables in the 1970 Population Census PC(1)-B and PC(1)-C reports, and in the Housing Census HC(1)-A and HC(1)-B reports.

### SAMPLE DESIGN

For sample data collected in the 1970 census, the housing unit, including all its occupants, was the sampling unit; for persons in group quarters identified in advance of the census, it was the person. In non-mail areas, the enumerator canvassed his assigned area and listed all housing units in an address register sequentially in the order in which he first visited the units, whether or not he completed the interview. Every fifth line of the address register was designated as a sample line, and the housing units listed on these lines were included in the sample. Each enumerator was given a random line on which he was to start listing and the order of canvassing was indicated in advance, although the instructions allowed some latitude in the order of visiting addresses. In mail areas, the list of housing units was prepared prior to Census Day either by employing commercial mailing lists corrected through the cooperation of the post office or by listing the units in a process similar to that used in non-mail areas. As in other areas, every fifth housing unit on these lists was designated to be in the sample. In group quarters, all persons were listed and every fifth person was selected for the sample; as indicated in Appendix B, information on the housing characteristics of group quarters was not collected in the census.

This 20-percent sample was subdivided into a 15-percent and a 5-percent sample by designating every fourth 20-percent sample unit as a

member of the 5-percent sample. The remaining sample units became the 15-percent sample. Two types of sample questionnaires were used, one for the 5-percent and one for the 15-percent sample units. Some questions were included on both the 5-percent and 15-percent sample forms and therefore appear for a sample of 20 percent of the units in the census. Other items appeared on either the 15-percent or the 5-percent questionnaires. The sample rates for the various items appearing in this report are shown in table A.

Although the sampling procedure did not automatically insure an exact 20-percent sample of persons or housing units in each locality, the sample design was unbiased if carried through according to instructions; generally for larger areas the deviation from 20 percent was found to be quite small. Biases may have arisen, however, when the enumerator failed to follow his listing and sampling instructions exactly. Quality control procedures were used throughout the census process, and where there was clear evidence that the sampling proce-

dures were not properly followed, some enumerators' assignments were returned to the field for resampling. Estimates for the United States as a whole indicate that 19.6 percent of the total population and 19.7 percent of the total housing units were enumerated on sample questionnaires. The computation of these proportions excluded several classes of the population and housing units for which no attempt at sampling was made. These were the relatively small numbers of persons and housing units (in most States, less than one percent) added to the enumeration from the post-census post office check, the various supplemental forms, and the special check of vacant units. However, the ratio estimation procedure described below adjusts the sample data to reflect these classes of population and housing units.

TABLE A. Sample Rate for Subjects Included in This Report

Subject	Sample rate (percent)	Subject	Sample rate (percent)
<b>OCCUPANCY CHARACTERISTICS</b>		<b>EQUIPMENT AND APPLIANCES</b>	
Occupied housing units . . . . .	20	Heating equipment . . . . .	20
Tenure . . . . .	20	Air conditioning . . . . .	15
Race . . . . .	20	Automobiles available . . . . .	15
Spanish heritage . . . . .	15	Second home . . . . .	5
Year moved into unit . . . . .	15	Clothes washing machine . . . . .	5
		Clothes dryer . . . . .	5
		Dishwasher . . . . .	5
		Home food freezer . . . . .	5
<b>VACANCY CHARACTERISTICS</b>		<b>FINANCIAL CHARACTERISTICS</b>	
Vacant for sale . . . . .	20	Value . . . . .	20
Vacant for rent . . . . .	20	Sales price asked . . . . .	20
Duration of vacancy . . . . .	20	Gross rent . . . . .	20
		Rent asked . . . . .	20
		Inclusion of utilities	
<b>UTILIZATION CHARACTERISTICS</b>		in rent . . . . .	20
Number of rooms . . . . .	20	Value-income ratio . . . . .	20
Size of household (persons) . . . . .	20	Gross rent as percentage	
Persons per room . . . . .	20	of income . . . . .	20
Bedrooms . . . . .	5	<b>HOUSEHOLD CHARACTERISTICS</b>	
<b>PLUMBING CHARACTERISTICS</b>		Household composition . . . . .	20
Plumbing facilities . . . . .	20	Income . . . . .	20
Complete bathrooms . . . . .	15		
<b>STRUCTURAL CHARACTERISTICS</b>			
Complete kitchen			
facilities . . . . .	20		
Access . . . . .	20		
Units in structure . . . . .	20		
Mobile home or trailer . . . . .	20		
Year structure built . . . . .	20		
Elevator in structure . . . . .	5		

**RATIO ESTIMATION**

The statistics based on 1970 census sample data are estimates made through the use of ratio estimation procedures which were applied separately for the 5-, 15-, and 20-percent samples. The first step in carrying through the ratio estimates was to establish the areas within which separate ratios were to be prepared. These are referred to as "weighting areas." For the 15- and 20-percent samples the weighting areas contained a minimum population size of 2,500. The weighting areas used for the 5-percent ratio estimate were larger areas having a minimum population size of 25,000 and comprising combinations of the weighting areas used for the 15- and 20-percent samples. Weighting areas were established by a mechanical operation on the computer and were defined to conform, as nearly as possible, to areas for which tabulations are produced. Where these areas do

not agree (primarily for smaller areas), there may be some differences between complete counts and sample estimates.

The ratio estimation process operated in two stages for occupied housing units, and in one stage for vacant units. The first stage for occupied units employed 18 household-type groups (the first of which was empty by definition); the second stage for occupied units used four groups: owner- and renter-occupied units, by race. The single stage for vacant units employed three groups: year-round vacant for sale, year-round vacant for rent, and other vacant.

Group

Occupied housing units:

STAGE I

	<i>Male Head With Own Children Under 18</i>
1	1-person household
2	2-person household
3	3-person household
.	.
6	6-or-more-person household
	<i>Male Head Without Own Children Under 18</i>
7-12	1-person to 6-or-more-person households
	<i>Female Head</i>
13-18	1-person to 6-or-more-person households

STAGE II

	<i>Owner Occupied</i>
19	Negro
20	Not Negro
	<i>Renter Occupied</i>
21	Negro
22	Not Negro

Vacant housing units:

23	Year-round vacant for sale
24	Year-round vacant for rent
25	Other vacant

At each stage, for each of the occupied housing groups, the ratio of the complete count to the weighted sample count of the housing units in the group was computed and applied to the weight of each sample unit in the group. This operation was performed for each of the 18 groups in the first stage, then for the four groups in the second stage. As a rule, the weighted sample counts within each of the 4 groups in the second stage for occupied units should agree with the complete counts for the weighting areas (close, although not exact consistency can be expected for the 18 groups in the first stage). Similarly, the weighted sample counts within each of the 3 groups in the single stage for vacant housing units should agree with the complete counts for the weighting area.

There are some exceptions to this general rule, however. As indicated above, there may be differences between the complete counts and sample estimates when the tabulation area is not made up of whole weighting areas. Furthermore, in order to increase the reliability, a separate ratio was not computed in a group whenever certain criteria pertaining to the complete count of housing units and the magnitude of the weight were not met. For example, for the 20-percent sample the complete count of units in a group had to exceed 70 units and the ratio of the complete count to the unweighted sample count could not exceed 20. Where these criteria were not met, groups were combined in a specific order until the conditions were met. Where this occurred, con-

sistency between the weighted sample and the complete counts would apply as indicated above for the combined group but not necessarily for each of the groups in the combination.

Each sample housing unit was assigned an integral weight to avoid the complications involved in rounding in the final tables. If, for example, the final weight for a group was 5.2, one-fifth of the units in the group (selected at random) were assigned a weight of 6 and the remaining four-fifths a weight of 5.

The estimates realize some of the gains in sampling efficiency that would have resulted had the population been stratified into the groups before sampling. The net effect is a reduction in both the sampling error and possible bias of most statistics below what would be obtained by weighting the results of the sample by a uniform factor (e.g., by weighting the 20-percent sample results by a uniform factor of 5). The reduction in sampling error will be trivial for some items and substantial for others. A by-product of this estimation procedure is that estimates for this sample are, in general, consistent with the complete count for the housing unit groups used in the estimation procedure. A more complete discussion of the technical aspects of these ratio estimates will be presented in a separate report.

SAMPLING VARIABILITY

The estimates from the 20-, 15-, and 5-percent sample tabulations are subject to sampling variability. The standard errors of these estimates can be approximated by using the data in tables B through D. The chances are about 2 out of 3 that the difference (due to sampling variability) between the sample estimate and the figure that would have been obtained from a

complete count is less than the standard error. The chances are about 19 out of 20 that the difference is less than twice the standard error and about 99 out of 100 that it is less than  $2\frac{1}{2}$  times the standard error. The amount by which the estimated standard error must be multiplied to obtain other odds deemed more appropriate can be found in most statistical textbooks. The sampling errors may be obtained by using the factors shown in table D in conjunction with table B for absolute numbers and in conjunction with table C for percentages. These tables reflect the effect of simple response variance, but not of bias arising in the collection, processing and estimation steps nor of the correlated errors enumerators introduce; estimates of the magnitude of some of these factors in the total error are being evaluated and will be published at a later date.

Table B shows approximate standard errors of estimated numbers for most statistics based on the 20-percent sample. In determining the figures for this table, some aspects of the sample design, the estimation process, and the size of the area over which the data have been compiled are ignored. Table C shows standard errors of most percentages based on the 20-percent sample. Linear interpolation in tables B and C will provide approximate results that are satisfactory for most purposes. Table D provides a factor by which the standard errors shown in tables B or C should be multiplied to adjust for the effect of the sample size (i.e., whether a 15-percent or 5-percent sample) and the effect of the estimation procedure.

To estimate the standard error for a given characteristic, locate the factor in table D for the appropriate characteristic and the sample size used to tabulate the data, and multiply this

factor by the standard error found in table B or C. Where data are shown as cross-classifications of two characteristics, locate and use the larger factor. Similarly, if an item, although collected on one sample basis, has been tabulated for a smaller sample, use the factor appropriate for the smaller sample.

The standard errors estimated from these tables are not directly applicable to differences between two sample estimates. In order to estimate the standard error of a difference, the tables are to be used somewhat differently in the three following situations:

1. For a difference between the sample figure and one based on a complete count (e.g., arising from comparisons between sample statistics for 1970 and complete-count statistics for 1960 or 1950), the standard error is identical with the standard error of the 1970 estimate alone.
2. For a difference between two sample figures (that is, one from 1970 and the other from 1960, or both from the same census year), the standard error is approximately the square root of the sum of the squares of the standard errors of each estimate considered separately. This formula will represent the actual standard error quite accurately for the difference between estimates of the same characteristics in two different areas, or for the difference between separate and uncorrelated characteristics in the same area. If, however, there is a high positive correlation between the two characteristics, the formula will overestimate the true standard error. The approximate standard error for the 1970 sample figure is derived directly from tables B

through D. The standard error of a 1960 sample figure may be obtained from the relevant 1960 census report.

3. For a difference between two sample estimates, one of which represents a subclass of the other, the tables can be used directly with the difference considered as the sample estimate.

The sampling variability of the medians presented in certain tables (median rooms, median value, median gross rent, etc.) depends on the size of the base and on the distribution on which the median is based. An approximate method for measuring the reliability of an estimated median is to determine an interval about the estimated median such that there is a stated degree of confidence the true median lies within the interval. As the first step in estimating the upper and lower limits of the interval (that is, the confidence limits) about the median, compute one-half the number on which the median is based (designated  $N/2$ ). From table B, following the method outlined in other parts of this section, compute the standard error of an estimated number equal to  $N/2$ . Subtract this standard error from  $N/2$ . Cumulate the frequencies (in the table on which the median is based) until the total first exceeds the difference between  $N/2$  and its standard error, and by linear interpolation obtain a value corresponding to this number. In a corresponding manner, add the standard error to  $N/2$ , cumulate the frequencies in the table, and obtain a value in the table on which the median is based corresponding to the sum of  $N/2$  and its standard error.

The chances are about 2 out of 3 that the median would lie between these two values. The range for 19 chances out of 20 and for 99 in 100

can be computed in a similar manner by multiplying the standard error by the appropriate factors before sub-

tracting from and adding to one-half the number reporting the characteristics. Interpolation to obtain the

values corresponding to these numbers gives the confidence limits for the median.

**TABLE B. Approximate Standard Error of Estimated Number Based on 20-Percent Sample**

(Range of 2 chances out of 3; for factors to be applied see table D and text)

Estimated number <sup>1</sup>	Number of housing units in area <sup>2</sup>						
	10,000	25,000	100,000	250,000	1,000,000	2,500,000	4,000,000
50 .....	15	15	15	15	15	15	15
100 .....	20	20	20	20	20	20	20
250 .....	30	30	30	30	30	30	30
500 .....	45	45	45	45	45	45	45
1,000 .....	60	60	65	65	65	65	65
2,500 .....	90	95	100	100	100	100	100
5,000 .....	100	130	140	140	140	140	140
10,000 .....	...	150	190	200	200	200	200
15,000 .....	...	150	230	240	240	240	240
25,000 .....	...	...	270	300	310	310	320
50,000 .....	...	...	320	400	440	440	440
75,000 .....	...	...	270	450	520	540	540
100,000 .....	...	...	...	490	600	620	630

<sup>1</sup> For estimated numbers larger than 100,000, the relative errors are somewhat smaller than for 100,000.

<sup>2</sup> An area is the smallest complete geographic area to which the estimate under consideration pertains. Thus, the area may be the standard metropolitan statistical area or the place. Housing units with Negro heads of household or Spanish heritage heads of household do not represent complete areas.

**TABLE C. Approximate Standard Error of Estimated Percentage Based on 20-Percent Sample**

(Range of 2 chances out of 3; for factors to be applied see table D and text)

Estimated percentage	Base of percentage						
	500	1,000	2,500	10,000	25,000	100,000	250,000
2 or 98 .....	1.3	0.9	0.6	0.3	0.2	0.1	0.1
5 or 95 .....	2.0	1.4	0.9	0.4	0.3	0.1	0.1
10 or 90 .....	2.7	1.9	1.2	0.6	0.4	0.2	0.1
25 or 75 .....	3.9	2.7	1.7	0.9	0.5	0.3	0.2
50 .....	4.5	3.2	2.0	1.0	0.6	0.3	0.2

TABLE D. Factor to be Applied to Standard Errors

Characteristic <sup>1</sup>	Factor if sample rate is—			Characteristic <sup>1</sup>	Factor if sample rate is—		
	20 percent	15 percent	5 percent		20 percent	15 percent	5 percent
<b>OCCUPANCY AND VACANCY CHARACTERISTICS</b>				<b>EQUIPMENT, FUELS, AND APPLIANCES</b>			
Year moved into unit .....	...	1.1	...	Heating equipment .....	0.8	0.9	...
Duration of vacancy .....	0.8	...	1.7	Air conditioning .....	...	1.1	...
<b>UTILIZATION CHARACTERISTICS</b>				Automobiles available .....	...	1.0	...
Rooms .....	1.0	1.1	2.1	Appliances .....	...	...	1.9
Size of household (persons) .....	0.5	0.6	1.2	<b>FINANCIAL CHARACTERISTICS</b>			
Persons per room .....	0.4	0.5	0.9	Value .....	1.0	1.1	2.1
Bedrooms .....	...	...	2.1	Value-income ratio .....	1.0	1.2	...
<b>PLUMBING CHARACTERISTICS</b>				Gross rent .....	0.9	1.1	2.1
Complete bathrooms .....	...	1.1	...	Gross rent as percentage of income	1.0	1.2	...
Plumbing facilities .....	1.0	...	...	Sales price asked .....	1.1	...	2.5
<b>STRUCTURAL CHARACTERISTICS</b>				Rent asked .....	1.1	...	2.5
Units in structure .....	0.8	0.9	1.7	<b>HOUSEHOLD CHARACTERISTICS</b>			
Year structure built .....	0.9	1.0	...	Household composition .....	0.6	0.7	...
				Income in 1969 .....	1.0	1.2	2.3
				<b>ALL OTHERS</b> .....	1.0	1.2	2.2

<sup>1</sup>Tabulations of housing data for households with heads of Spanish heritage are based on the 15-percent sample. For characteristics of households with heads of Spanish heritage (tables 19 to 26), use the factors given for the 15-percent sample.

NOTE: In this report an item collected for the 20-percent sample may be cross-tabulated with other items based on the 15-percent or 5-percent samples. In such cases, locate the factor for both items in Table D for the smaller sample size. Use the larger of the two factors. For example, in Table 9, duration of vacancy (a 20-percent item) is cross-tabulated by number of bedrooms (a 5-percent item). The factor for duration of vacancy based on a 5-percent sample is 1.7 and for bedrooms it is 2.1. The factor of 2.1 should be used to adjust the standard errors since it is the larger of the two factors based on the 5-percent sample.

## Appendix D.—PUBLICATION AND COMPUTER SUMMARY TAPE PROGRAM

The results of the 1970 Census of Population and Housing are being issued in the form of printed reports, microfiche copies of the printed reports, computer summary tapes, computer printouts, and microfilm. Listed below are short descriptions of the final report series and computer tapes, as currently planned. More detailed information on this program can be obtained by writing to the Publications Distribution Section, Bureau of the Census, Washington, D.C. 20233.

### Housing Census Reports

#### Volume I.

##### HOUSING CHARACTERISTICS FOR STATES, CITIES, AND COUNTIES

This volume will consist of 58 "parts"—number 1 for the United States, numbers 2 through 52 for the 50 States and the District of Columbia in alphabetical order, and numbers 53 through 58 for Puerto Rico, Guam, Virgin Islands, American Samoa, Canal Zone, and Trust Territory of the Pacific Islands, respectively. Each part, which will be a separate clothbound book, will contain two chapters designated as A and B. Each chapter (for each of the 58 areas) will first be issued as an individual paperbound report in two series designated as HC(1)-A and B, respectively.

##### ■ Series HC(1)-A.

###### GENERAL HOUSING CHARACTERISTICS

Statistics on tenure, kitchen facilities, plumbing facilities, number of rooms, persons per room, units in structure, mobile home, telephone, value, contract rent, and vacancy status are presented for some or all of the following areas: States (by urban and rural residence), standard metropolitan statistical areas (SMSA's), urbanized areas, places of 1,000 inhabitants or more, and counties.

##### ■ Series HC(1)-B.

###### DETAILED HOUSING CHARACTERISTICS

Statistics are presented on a more detailed basis for the subjects included in the Series HC(1)-A reports, as well as on such additional subjects as year moved into unit, year structure built, basement, heating equipment, fuels, air conditioning, water and sewage, appliances, gross rent, and ownership of second home. Each subject is shown for some or all of the following areas: States (by urban, rural-nonfarm, and rural-farm residence), SMSA's, urbanized areas, places of 2,500 inhabitants or more, and counties (by rural and rural-farm residence).

#### Volume II.

##### METROPOLITAN HOUSING CHARACTERISTICS

These reports, also designated as Series HC(2), cover most of the 1970 census housing subjects in considerable detail and cross-classification. There is one report for each SMSA, presenting data for the SMSA and its central cities and places of 50,000 inhabitants or more, as well as a national summary report.

#### Volume III.

##### BLOCK STATISTICS

One report, under the designation Series HC(3), is issued for each urbanized area showing data for individual blocks on selected housing and population subjects. The series also includes reports for the communities outside urbanized areas which have contracted with the Census Bureau to provide block statistics from the 1970 census.

#### Volume IV.

##### COMPONENTS OF INVENTORY CHANGE

This volume will contain data on the disposition of the 1960 inventory and the source of the 1970 inventory, such as new construction, conversions, mergers, demolitions, and other additions and losses. Cross-tabulations of 1970 and 1960 characteristics for units that have not changed and characteristics of the present and previous residence of recent movers will also be provided. Statistics will be shown for 15 selected SMSA's and for the United States and regions.

#### Volume V.

##### RESIDENTIAL FINANCE

This volume will present data regarding the financing of privately owned nonfarm residential properties. Statistics will be shown on amount of outstanding mortgage debt, manner of acquisition of property, homeowner expenses, and other owner, property, and mortgage characteristics for the United States and regions.

#### Volume VI.

##### ESTIMATES OF "SUBSTANDARD" HOUSING

This volume will present counts of "substandard" housing units for counties and cities, based on the number of units lacking plumbing facilities combined with estimates of units with all plumbing facilities but in "dilapidated" condition.

#### Volume VII.

##### SUBJECT REPORTS

Each report in this volume will concentrate on a particular subject. Detailed information and cross-classifications will generally be provided on a national level; in some reports, data for States or SMSA's may also be shown. Among the subjects to be covered are housing characteristics by household composition, housing of minority groups and senior citizens, and households in mobile homes.

### Population Census Reports

#### Volume I.

##### CHARACTERISTICS OF THE POPULATION

This volume will consist of 58 "parts"—number 1 for the United States, numbers 2 through 52 for the 50 States and the District of Columbia in alphabetical order, and numbers 53 through 58 for Puerto Rico, Guam, Virgin Islands, American Samoa, Canal Zone, and Trust Territory of the Pacific Islands, respectively. Each part, which will be a separate clothbound book, will contain four chapters designated as A, B, C, and D. Each chapter (for each of the 58 areas) will first be issued as an individual paperbound report in four series designated as PC(1)-A, B, C, and D, respectively. The 58 PC(1)-A reports will be specially assembled and issued in a clothbound book, designated as Part A.

##### ■ Series PC(1)-A.

###### NUMBER OF INHABITANTS.

Final official population counts are presented for States, counties by urban and rural residence, SMSA's, urbanized areas, county subdivisions, all incorporated places, and unincorporated places of 1,000 inhabitants or more.

##### ■ Series PC(1)-B.

###### GENERAL POPULATION CHARACTERISTICS

Statistics on age, sex, race, marital status, and relationship to head of household are presented for States, counties by urban and rural residence, SMSA's, urbanized areas, county subdivisions, and places of 1,000 inhabitants or more.

##### ■ Series PC(1)-C.

###### GENERAL SOCIAL AND ECONOMIC CHARACTERISTICS

Statistics are presented on nativity and parentage, State or country of birth, Spanish origin, mother tongue, residence 5 years ago, year moved into present house, school enrollment (public or private), years of school completed, vocational training, number of children ever born, family composition, disability, veteran status, employment status, place of work, means of transportation to work, occupation group, industry group, class of worker, and income (by type) in 1969 of families and individuals. Each subject is shown for some or all of the following areas: States, counties (by urban, rural-nonfarm, and rural-farm residence), SMSA's urbanized areas, and places of 2,500 inhabitants or more.

■ Series PC(1)-D.

**DETAILED CHARACTERISTICS**

These reports cover most of the subjects shown in Series PC(1)-C, above, presenting the data in considerable detail and cross-classified by age, race, and other characteristics. Each subject is shown for some or all of the following areas: States (by urban, rural-nonfarm, and rural-farm residence), SMSA's, and large cities.

**Volume II.**

**SUBJECT REPORTS**

Each report in this volume, also designated as Series PC(2), will concentrate on a particular subject. Detailed information and cross-relationships will generally be provided on a national and regional level; in some reports, data for States or SMSA's will also be shown. Among the characteristics to be covered are national origin and race, fertility, families, marital status, migration, education, unemployment, occupation, industry, and income.

**Joint Population-Housing Reports**

Series PHC(1).

**CENSUS TRACT REPORTS**

This series contains one report for each SMSA, showing data for most of the population and housing subjects included in the 1970 census.

Series PHC(2).

**GENERAL DEMOGRAPHIC TRENDS FOR METROPOLITAN AREAS, 1960 TO 1970**

This series consists of one report for each State and the District of Columbia, as well as a national summary report, presenting statistics for the State and for SMSA's and their central cities and constituent counties. Comparative 1960 and 1970 data are shown on population counts by age and race and on such housing subjects as tenure, plumbing facilities, value, and contract rent.

Series PHC(3).

**EMPLOYMENT PROFILES OF SELECTED LOW-INCOME AREAS**

This series consists of approximately 70 reports, each presenting statistics on the social and economic characteristics of the residents of a particular low-income area. The data relate to low-income neighborhoods in 51 cities and seven rural poverty areas. Each report provides statistics on employment and unemployment, education, vocational training, availability for work,

job history, and income, as well as on value or rent and number of rooms in the housing unit.

**Additional Reports**

Series PHC(E).

**EVALUATION REPORTS**

This open series will present the results of the extensive evaluation program conducted as an integral part of the 1970 census program, and relating to such matters as completeness of enumeration and quality of the data on characteristics.

Series PHC(R).

**PROCEDURAL REPORTS**

This open series presents information on various administrative and methodological aspects of the 1970 census, and will include a comprehensive procedural history of the 1970 census. The first report issued focuses on the forms and procedures used in the data collection phase of the census.

**Computer Summary Tapes**

The major portion of the results of the 1970 census is produced in a set of six tabulation counts. To help meet the needs of census users, these counts are being designed to provide data with much greater subject and geographic detail than it is feasible or desirable to publish in printed reports. The data so tabulated are generally available—subject to suppression of certain detail where necessary to protect confidentiality—on magnetic computer tape, printouts, and microfilm, at the cost of preparing the copy.

**First Count**—source of the PC(1)-A reports; contains about 400 cells of data on the subjects covered in the PC(1)-B and HC(1)-A reports and tabulated for each of the approximately 250,000 enumeration districts in the United States.

**Second Count**—source of the PC(1)-B, HC(1)-A, and part of the PHC(1) reports; contains about 3,500 cells of data covering the subjects in these reports and tabulated for the approximately 35,000 tracts and 35,000 county subdivisions in the United States.

**Third Count**—source of the HC(3) reports; contains about 250 cells of data on the subjects covered in the PC(1)-B and HC(1)-A reports and tabulated for approximately 1,500,000 blocks in the United States.

**Fourth Count**—source of the PC(1)-C, HC(1)-B, and part of the PHC(1) reports; contains about 13,000 cells of data covering the subjects in these reports and tabulated for the approximately 35,000 tracts and 35,000 county subdivisions in the United States; also contains about 30,000 cells of data for each county.

**Fifth Count**—contains approximately 800 cells of population and housing data for 5-digit ZIP code areas in SMSA's and 3-digit ZIP code areas outside SMSA's; the ZIP code data are available only on tape.

**Sixth Count**—source of the PC(1)-D and HC(2) reports; contains about 260,000 cells of data covering the subjects in these reports and tabulated for States, SMSA's, and large cities.

The tapes are generally organized on a State basis. To use the First Count and Third Count tapes, it is necessary to purchase the appropriate enumeration district and block maps.

The term "cells" used herein to indicate the scope of subject content of the several counts refers to each figure or statistic in the tabulation for a specific geographic area. For example, in the Third Count, there are six cells for a cross-classification of race by sex: three categories of race (white, Negro, other race) by two categories of sex (male, female).

In addition to the above-mentioned summary tapes, the Census Bureau makes available for purchase certain sample tape files containing population and housing characteristics as shown on individual census records. These files contain no names or addresses, and the geographic identification is sufficiently broad to protect confidentiality. There are six files, each containing a 1-percent national sample of persons and housing units. Three of the files are drawn from the population covered by the census 15-percent sample and three from the population in the census 5-percent sample. Each of these three files provides a different type of geographic information: One identifies individual large SMSA's and, for the rest of the country, groups of counties; the second identifies States and, where they are sufficiently large, provides urban-rural and metropolitan-nonmetropolitan detail; and the third State groups and size of place, with each individual record showing selected characteristics of the persons's neighborhood.

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PUBLICATION



# Metropolitan Housing Characteristics

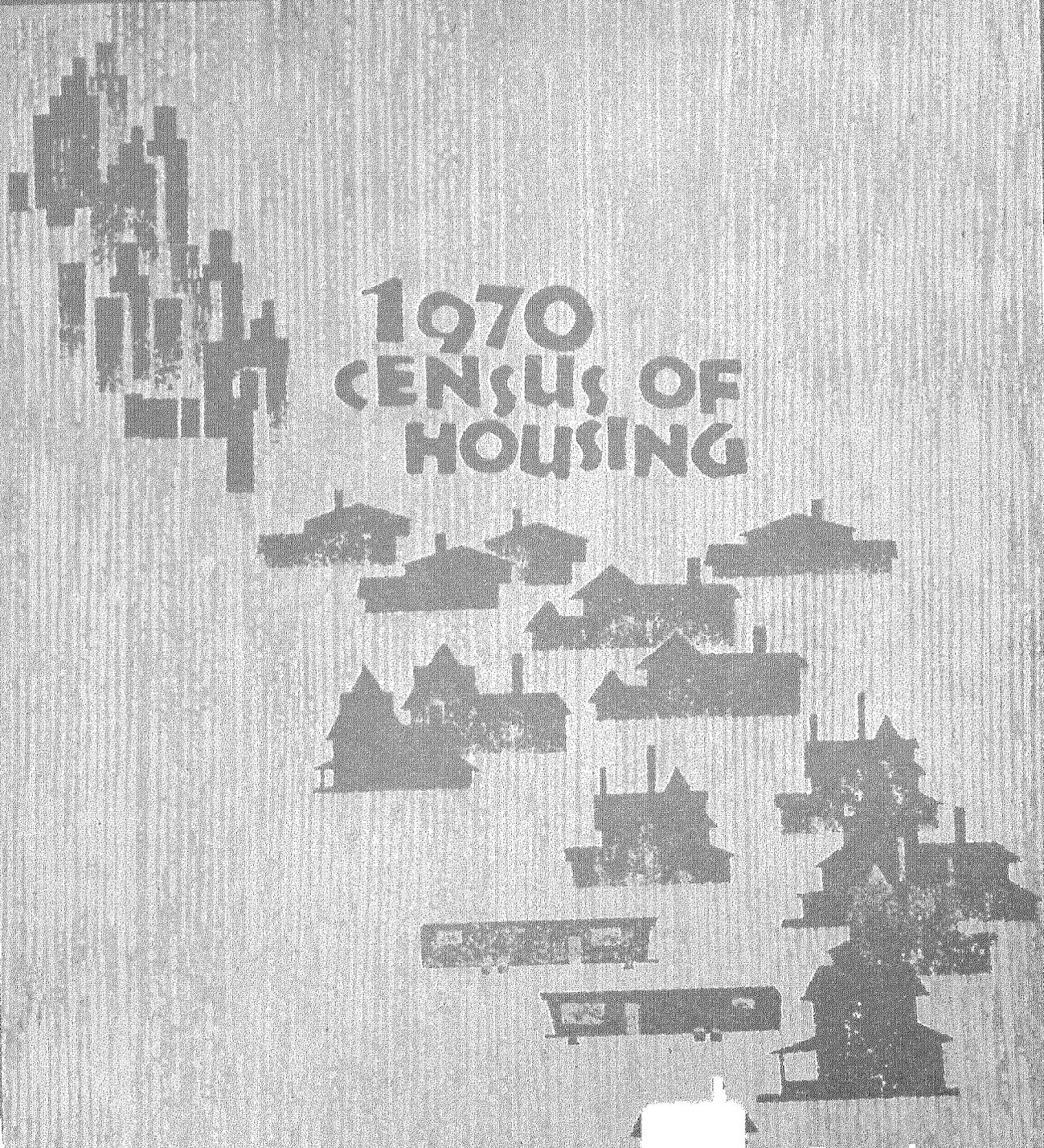
CHAMPAIGN-URBANA, ILL.  
STANDARD METROPOLITAN STATISTICAL AREA

HC(2)-39

## 1970 CENSUS OF HOUSING

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**David L. Kaplan, 1970 Census Coordinator**

### HOUSING DIVISION

**Arthur F. Young, Chief**

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**1970  
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Metropolitan  
Housing  
Characteristics

**CHAMPAIGN-URBANA, ILL.  
STANDARD METROPOLITAN  
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8, 18, 26	PERSONS
9	DURATION OF VACANCY
10	SALES PRICE ASKED AND RENT ASKED

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Subject	Value	Gross rent	Income in 1969	Plumbing facilities by persons per room	Number of rooms	Units in structure	Household composition by age of head	Size of household (persons)	Duration of vacancy	Sales price asked and rent asked
<b>OCCUPANCY AND VACANCY CHARACTERISTICS</b>										
Year moved into unit .....	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	—	—	6, 16*, 24†	—	—	—	—
Duration of vacancy .....	—	—	—	9 <sup>1</sup>	9	9	—	—	—	9
<b>UTILIZATION CHARACTERISTICS</b>										
Number of rooms .....	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	5, 15*, 23†	—	6, 16*, 24†	—	5, 15*, 23†	9	—
Size of household (persons) .....	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	4, 14*, 22†	5, 15*, 23†	8, 18*, 26†	8, 18*, 26†	—	—	—
Number of bedrooms .....	1, 11*	2, 12*	3, 13*	—	5, 15*	6, 16*	—	8, 18*	9	10
Persons per room .....	1, 11*, 19†	2, 12*, 20†	4, 14*, 22†	—	5, 15*, 23†	6, 16*, 24†	7, 17*, 25†	4, 14*, 22†	—	—
<b>PLUMBING CHARACTERISTICS</b>										
Plumbing facilities .....	—	—	—	—	—	—	—	—	9	10
Plumbing facilities by persons per room .....	1, 11*, 19†	2, 12*, 20†	4, 14*, 22†	—	5, 15*, 23†	6, 16*, 24†	7, 17*, 25†	4, 14*, 22†	—	—
Complete bathrooms .....	1, 11*, 19†	2, 12*, 20†	—	—	5, 15*, 23†	—	—	8, 18*, 26†	—	—
<b>STRUCTURAL CHARACTERISTICS</b>										
Units in structure .....	—	6, 16*, 24†	6, 16*, 24†	6, 16*, 24†	6, 16*, 24†	—	7, 17*, 25†	8, 18*, 26†	9	10
Year structure built .....	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	4, 14*, 22†	5, 15*, 23†	6, 16*, 24†	—	8, 18*, 26†	9	10
Elevator in structure .....	—	2, 12*	—	—	—	—	—	—	—	—
<b>EQUIPMENT AND APPLIANCES</b>										
Heating equipment .....	1, 11*, 19†	—	—	4, 14*, 22†	—	6, 16*, 24†	—	—	9	—
Air conditioning .....	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	—	—	6, 16*, 24†	—	—	—	—
Automobiles available .....	—	—	3, 13*, 21†	—	—	6, 16*, 24†	—	—	—	—
Second home .....	—	—	3, 13*	—	—	—	—	—	—	—
Automatic clothes washing machine .....	—	—	3, 13*	—	—	—	—	—	—	—
Clothes dryer .....	—	—	3, 13*	—	—	—	—	—	—	—
Dishwasher .....	—	—	3, 13*	—	—	—	—	—	—	—
Home food freezer .....	—	—	3, 13*	—	—	—	—	—	—	—
<b>FINANCIAL CHARACTERISTICS</b>										
Value .....	—	—	1, 11*, 19†	1, 11*, 19†	1, 11*, 19†	—	1, 11*, 19†	1, 11*, 19†	—	—
Value-income ratio .....	—	—	—	4, 14*, 22†	5, 15*, 23†	—	7, 17*, 25†	8, 18*, 26†	—	—
Gross rent .....	—	—	2, 12*, 20†	2, 12*, 20†	2, 12*, 20†	6, 16*, 24†	7, 17*, 25†	2, 12*, 20†	—	—
Gross rent as percentage of income .....	—	2, 12*, 20†	3, 13*, 21†	4, 14*, 22†	5, 15*, 23†	—	—	8, 18*, 26†	—	—
Gross rent as percentage of income by income .....	—	—	—	—	—	—	7, 17*, 25†	—	—	—
Sales price asked .....	—	—	—	—	—	—	—	—	—	—
Rent asked .....	—	—	—	10 <sup>1</sup>	—	—	—	—	9	—
Inclusion of utilities in rent .....	—	—	—	10 <sup>1</sup>	—	10	—	—	9	—
<b>HOUSEHOLD CHARACTERISTICS</b>										
Household composition by age of head .....	1, 11*, 19†	7, 17*, 25†	7, 17*, 25†	7, 17*, 25†	—	7, 17*, 25†	—	8, 18*, 26†	—	—
Income in 1969 .....	1, 11*, 19†	2, 12*, 20†	—	4, 14*, 22†	3, 13*, 21†	6, 16*, 24†	7, 17*, 25†	3, 13*, 21†	—	—

<sup>1</sup>Vacant units tabulated by plumbing facilities only.

# INTRODUCTION

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## GENERAL

This report presents cross-tabulations of housing and household characteristics from the 1970 Census of Population and Housing for the standard metropolitan statistical area, its central city or cities, and its places of 50,000 inhabitants or more. Legal provision for this census, which was conducted as of April 1, 1970, was made in the Act of Congress of August 31, 1954 (amended August 1957), which codified Title 13, United States Code.

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More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in later reports of the 1970 census.

**Organization of the text.**—The text consists of this introduction and four appendixes which appear after the tables. Appendix A describes the various area classifications (e.g., places, standard metropolitan statistical areas, etc.) and briefly explains the residence rules used in counting the population. Appendix B provides definitions and explanations for the subjects covered in this report, including facsimiles of the 1970 census questionnaire pages and a facsimile of the instruction sheet. Appendix C presents information on sources of error in the data, editing procedures, the sample design, ratio estimation, and sampling variability. Appendix D summarizes the data dissemination program of the 1970 census.

**Content of the tables.**—A series of standard tables is presented for each area shown in this report. Tables 1 to 8 present statistics for owner-occupied and renter-occupied units. Tables 9 and 10 present statistics for vacant units, separately for units for

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The prefix letter "A" has been assigned to the tables for the total standard metropolitan statistical area; tables for the central cities and places of 50,000 inhabitants or more, which follow in alphabetical order, have the prefix letter "B," "C," etc.

**Sample size.**—The statistics presented in this report are based on a sample of housing units. More specifically, the data are derived from the 15-percent and 5-percent sample questionnaires (see "Data Collection Procedures," below). Some items appeared on both sample questionnaires and, therefore, are based on a 20-percent sample of housing units. The sampling rate for each subject is shown in table A of Appendix C, "Accuracy of the Data." Appendix C also presents information on the sampling variability associated with these data.

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Subject	Value	Gross rent	Income in 1969	Plumbing facilities by persons per room	Number of rooms	Units in structure	Household composition by age of head	Size of household (persons)	Duration of vacancy	Sales price asked and rent asked
<b>OCCUPANCY AND VACANCY CHARACTERISTICS</b>										
Year moved into unit	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	—	—	6, 16*, 24†	—	—	—	—
Duration of vacancy	—	—	—	9 <sup>1</sup>	9	9	—	—	—	9
<b>UTILIZATION CHARACTERISTICS</b>										
Number of rooms	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	5, 15*, 23†	—	6, 16*, 24†	—	5, 15*, 23†	9	—
Size of household (persons)	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	4, 14*, 22†	5, 15*, 23†	8, 18*, 26†	8, 18*, 26†	—	—	—
Number of bedrooms	1, 11*	2, 12*	3, 13*	—	5, 15*	6, 16*	—	8, 18*	9	10
Persons per room	1, 11*, 19†	2, 12*, 20†	4, 14*, 22†	—	5, 15*, 23†	6, 16*, 24†	7, 17*, 25†	4, 14*, 22†	—	—
<b>PLUMBING CHARACTERISTICS</b>										
Plumbing facilities	—	—	—	—	—	—	—	—	9	10
Plumbing facilities by persons per room	1, 11*, 19†	2, 12*, 20†	4, 14*, 22†	—	5, 15*, 23†	6, 16*, 24†	7, 17*, 25†	4, 14*, 22†	—	—
Complete bathrooms	1, 11*, 19†	2, 12*, 20†	—	—	5, 15*, 23†	—	—	8, 18*, 26†	—	—
<b>STRUCTURAL CHARACTERISTICS</b>										
Units in structure	—	6, 16*, 24†	6, 16*, 24†	6, 16*, 24†	6, 16*, 24†	—	7, 17*, 25†	8, 18*, 26†	9	10
Year structure built	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	4, 14*, 22†	5, 15*, 23†	6, 16*, 24†	—	8, 18*, 26†	9	10
Elevator in structure	—	2, 12*	—	—	—	—	—	—	—	—
<b>EQUIPMENT AND APPLIANCES</b>										
Heating equipment	1, 11*, 19†	—	—	4, 14*, 22†	—	6, 16*, 24†	—	—	9	—
Air conditioning	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	—	—	6, 16*, 24†	—	—	—	—
Automobiles available	—	—	3, 13*, 21†	—	—	6, 16*, 24†	—	—	—	—
Second home	—	—	3, 13*	—	—	—	—	—	—	—
Automatic clothes washing machine	—	—	3, 13*	—	—	—	—	—	—	—
Clothes dryer	—	—	3, 13*	—	—	—	—	—	—	—
Dishwasher	—	—	3, 13*	—	—	—	—	—	—	—
Home food freezer	—	—	3, 13*	—	—	—	—	—	—	—
<b>FINANCIAL CHARACTERISTICS</b>										
Value	—	—	1, 11*, 19†	1, 11*, 19†	1, 11*, 19†	—	1, 11*, 19†	1, 11*, 19†	—	—
Value-income ratio	—	—	—	4, 14*, 22†	5, 15*, 23†	—	7, 17*, 25†	8, 18*, 26†	—	—
Gross rent	—	—	2, 12*, 20†	2, 12*, 20†	2, 12*, 20†	6, 16*, 24†	7, 17*, 25†	2, 12*, 20†	—	—
Gross rent as percentage of income	—	2, 12*, 20†	3, 13*, 21†	4, 14*, 22†	5, 15*, 23†	—	—	8, 18*, 26†	—	—
Gross rent as percentage of income by income	—	—	—	—	—	—	7, 17*, 25†	—	—	—
Sales price asked	—	—	—	—	—	—	—	—	—	—
Rent asked	—	—	—	10 <sup>1</sup>	—	—	—	—	9	—
Inclusion of utilities in rent	—	—	—	10 <sup>1</sup>	—	10	—	—	9	—
<b>HOUSEHOLD CHARACTERISTICS</b>										
Household composition by age of head	1, 11*, 19†	7, 17*, 25†	7, 17*, 25†	7, 17*, 25†	—	7, 17*, 25†	—	8, 18*, 26†	—	—
Income in 1969	1, 11*, 19†	2, 12*, 20†	—	4, 14*, 22†	3, 13*, 21†	6, 16*, 24†	7, 17*, 25†	3, 13*, 21†	—	—

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Statistics for some subgroups (e.g., households in owner-occupied units with incomes of less than \$2,000 or renter-occupied 1-room units) may differ from table to table or within the same table when the figures are tabulated from different samples.

**Derived figures (medians, etc.).**—Shown in this report are medians as well as certain percentages and ratios. The median, which is a type of average, is the middle value in a distribution; i.e., the median divides the distribution into two equal parts—one-half of the cases fall below the median and one-half of the cases exceed the median. For all types of derived figures in this report, the figure is not presented (but indicated by three dots "...") if there are fewer than the prescribed number of units in the distribution or the base. For the 20-percent sample, the minimum number of housing units is 100; for the 15-percent sample, the minimum is 132; and for the 5-percent sample, the minimum is 400.

Medians for rooms and persons are rounded to the nearest tenth, for value to the nearest hundred dollars, and for rent to the nearest dollar. In computing medians for rooms and persons per housing unit, the whole number is used as the midpoint of the interval so that, for example, the category "3 rooms" is treated as an interval ranging from 2.5 up to 3.5 rooms. In computing median rent, units reported as "no cash rent" are excluded. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. When the median falls in the lower terminal category of an open-end distribution, the method of presentation is to show the initial value of the next category followed by a minus sign; thus, for example, if the median falls in the category "Less than \$5,000," it is shown as "\$5,000—." When the median falls in the upper terminal category of an open-end distribution, the method of presentation is to show the initial value of the

terminal category followed by a plus sign; thus, for example, if the median falls in the category "\$50,000 or more," it is shown as "\$50,000+."

**Symbols.**—A dash "—" signifies zero. Three dots "..." mean not applicable, or that the base for a derived figure is too small for it to be shown, or that the data are being withheld to avoid disclosure of information for individual housing units. The symbol "U" means that the place is unincorporated.

**Boundaries.**—The data shown for 1970 relate to the boundaries as they existed on January 1, 1970. Information on boundary changes between 1960 and 1970 for certain types of areas is given in the 1970 Population Census PC(1)-A reports.

#### DATA COLLECTION PROCEDURES

The 1970 census was conducted primarily through self-enumeration. In 1960, self-enumeration was first introduced on a nationwide scale as a substitute for the traditional census direct interview.

A census questionnaire was delivered by postal carriers to every household several days before Census Day, April 1, 1970. This questionnaire contained certain explanatory information and was accompanied by an instruction sheet; in areas with comparatively large proportions of Spanish-speaking persons, a Spanish version of the instruction sheet was also enclosed. Some of this material is reproduced in Appendix B, "Definitions and Explanations of Subject Characteristics."

In the larger metropolitan areas and some adjacent counties, altogether containing about three-fifths of the

population of the United States, the householder was requested to fill out and mail back the form on Census Day. Approximately 87 percent of the householders did so. The mailed-back forms were reviewed by the census enumerator (or, in some localities, a census clerk) and if the form was determined to be incomplete or inconsistent, a followup was made. The bulk of these followups were made by telephone, the rest by personal visit. For the households that did not mail back their forms, a followup was also made, in almost all cases by personal visit and in the remainder by telephone; vacant units were enumerated by personal visit.

For the remaining two-fifths of the population, the householder was requested to fill out the form and give it to the enumerator when he called; approximately 80 percent did so. Incomplete and unfilled forms were completed by interview during the enumerator's visit.

Three types of questionnaires were used throughout the country: 80 percent of the households answered a form containing a limited number of population and housing questions and the remainder, split into 15-percent and 5-percent samples, answered forms which contained these questions as well as a number of additional questions. Some of the additional questions were the same on the 15-percent and 5-percent versions; others were different. A random procedure was used to determine which of the three forms any particular household answered.

In the metropolitan and adjacent areas, the designated type was sent to each household. In the remaining areas, the questionnaire with a limited number of questions was distributed to all households and the enumerators

interviewed for the additional questions in those households designated for the 15-percent and 5-percent samples.

The subjects covered in this report are all drawn from the 15-percent and 5-percent sample questionnaires.

#### PROCESSING PROCEDURES

The 1970 census questionnaires were specially designed to be processed by FOSDIC (Film Optical

Sensing Device for Input to Computers). Respondents and enumerators (and for some few items, census clerks) marked the answers in predesignated positions which could be "read" by FOSDIC, from a microfilm copy of the questionnaire, onto computer magnetic tape.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing

and tabulation steps (see Appendix C, "Accuracy of the Data"). One of the end results of this operation was a computer tape from which the tables in this report were prepared on a cathode-ray-tube phototypesetting machine at the Government Printing Office. Another end result was the summary tape which is available for purchase, as described in Appendix D, "Publication and Computer Summary Tape Program."

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**Champaign-Urbana, Ill.**  
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**MAP**

Counties, Standard Metropolitan Statistical Areas, and Selected Places X

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Area	Prefix letter	Tables 1-10	Tables 11-18	Tables 19-26
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# Counties, Standard Metropolitan Statistical Areas, and Selected Places

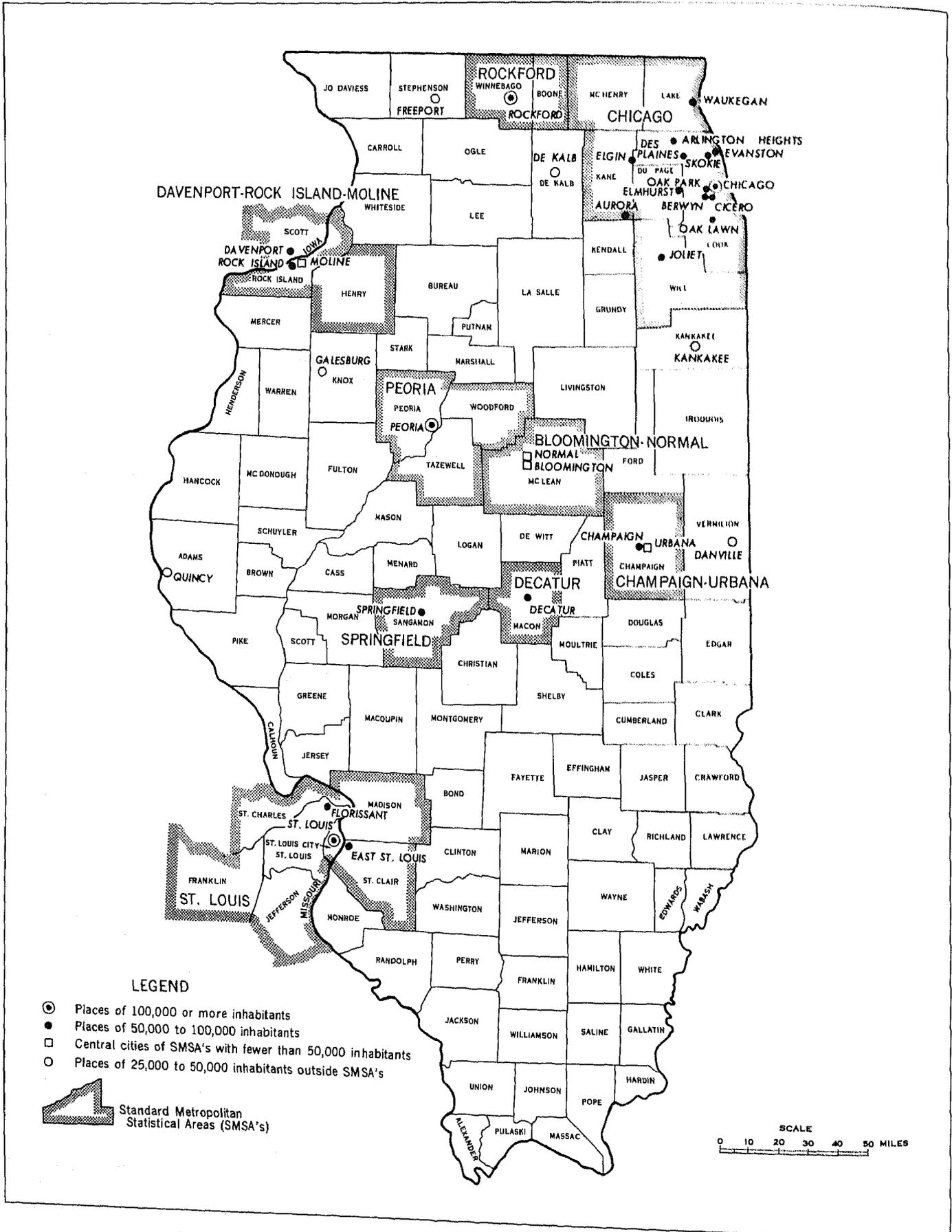


Table A-1. Value of Owner Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
	<b>Specified owner occupied<sup>1</sup></b>	<b>20 151</b>	<b>408</b>	<b>631</b>	<b>800</b>	<b>1 719</b>	<b>2 263</b>	<b>5 239</b>	<b>3 448</b>	<b>3 294</b>	<b>1 678</b>	<b>671</b>
<b>ROOMS</b>												
1 and 2 rooms	56	17	6	5	—	14	10	4	—	—	—	...
3 rooms	152	29	28	22	26	6	15	16	10	—	—	9 700
4 rooms	1 933	119	151	211	347	405	496	153	30	10	11	13 400
5 rooms	4 921	134	225	276	728	1 145	2 559	1 065	642	132	15	16 600
6 rooms	5 549	63	127	164	404	456	1 448	1 322	1 075	401	89	20 400
7 rooms	2 810	23	69	61	170	160	494	500	838	406	89	24 300
8 rooms or more	2 730	23	25	61	44	77	217	388	699	729	467	32 600
Median	5.7	4.8	5.1	5.1	5.2	5.1	5.3	5.9	6.4	7.2	7.5+	...
<b>PERSONS</b>												
1 person	2 067	104	164	210	316	305	434	196	211	88	39	14 500
2 persons	5 684	172	217	283	616	662	1 433	898	793	402	208	17 900
3 persons	3 583	35	87	103	242	429	1 019	671	593	318	86	19 400
4 persons	4 079	36	68	91	239	444	1 123	814	752	365	149	20 200
5 persons	2 606	20	44	49	161	220	693	536	488	290	105	21 100
6 persons or more	2 132	41	51	64	145	203	537	333	457	217	84	20 400
Median	3.1	2.1	2.2	2.2	2.4	2.9	3.2	3.4	3.6	3.6	3.5	...
Units with roomers, boarders, or lodgers	393	11	9	19	26	74	103	60	54	27	10	18 000
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b>	<b>19 871</b>	<b>276</b>	<b>404</b>	<b>775</b>	<b>1 709</b>	<b>2 241</b>	<b>5 208</b>	<b>3 434</b>	<b>3 280</b>	<b>1 671</b>	<b>671</b>	<b>19 100</b>
0.50 or less	10 013	177	390	490	998	1 093	2 212	1 577	1 585	976	515	19 100
0.51 to 1.00	9 083	79	171	253	620	1 003	2 744	1 771	1 610	681	151	19 400
1.01 to 1.50	701	20	30	22	86	138	224	77	85	14	5	16 000
1.51 or more	74	—	15	10	5	7	28	9	—	—	—	...
<b>Lacking some or all plumbing facilities</b>	<b>280</b>	<b>132</b>	<b>25</b>	<b>25</b>	<b>10</b>	<b>22</b>	<b>31</b>	<b>14</b>	<b>14</b>	<b>7</b>	<b>—</b>	<b>5 800</b>
0.50 or less	192	84	14	19	10	22	17	9	10	7	—	7 100
0.51 to 1.00	58	36	11	6	—	—	5	—	—	—	—	...
1.01 to 1.50	21	12	—	—	—	—	4	5	—	—	—	...
1.51 or more	9	—	—	—	—	—	5	—	—	—	—	...
<b>BEDROOMS</b>												
None and 1	418	136	19	76	67	19	81	20	—	—	—	9 300
2	5 293	276	411	440	761	912	1 239	688	353	108	105	14 600
3	10 147	91	155	273	622	849	3 120	2 028	1 933	707	169	19 600
4 or more	4 061	39	96	76	100	212	652	496	845	937	608	29 300
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	592	—	—	—	5	7	120	75	180	142	63	29 900
1965 to 1968	2 623	11	—	5	15	67	584	679	633	440	189	24 600
1960 to 1964	2 965	15	21	17	84	202	906	655	586	348	131	21 800
1950 to 1959	5 547	29	63	70	429	807	1 712	993	846	422	176	19 000
1940 to 1949	2 030	29	111	105	234	317	514	345	283	77	15	16 800
1939 or earlier	6 394	324	436	603	952	863	1 403	701	766	249	97	15 100
<b>COMPLETE BATHROOMS</b>												
1 and 1 1/2	15 275	252	588	696	1 636	2 213	4 765	2 794	1 885	382	64	17 100
2 and 2 1/2	4 318	—	12	46	31	142	444	691	1 416	1 161	375	30 600
3 or more	403	—	—	—	—	7	15	19	38	140	184	48 100
None or also used by another household	295	98	20	35	24	10	61	18	19	10	—	9 600
<b>HOUSEHOLD COMPOSITION</b>												
<b>Two-or-more-person households</b>	<b>18 084</b>	<b>304</b>	<b>467</b>	<b>590</b>	<b>1 403</b>	<b>1 958</b>	<b>4 805</b>	<b>3 252</b>	<b>3 083</b>	<b>1 590</b>	<b>632</b>	<b>19 500</b>
Male head, wife present, no nonrelatives	16 439	245	404	494	1 232	1 677	4 462	2 992	2 844	1 499	590	19 600
Under 25 years	392	15	5	20	30	66	165	155	25	5	6	16 300
25 to 34 years	3 324	24	45	85	228	415	1 164	636	542	157	28	18 500
35 to 44 years	4 361	21	61	65	210	397	1 112	873	930	510	182	21 800
45 to 64 years	6 522	107	180	237	533	584	1 563	1 159	1 134	711	314	20 200
65 years and over	1 840	78	113	87	231	215	458	269	213	116	60	17 200
Other male head	484	32	16	23	58	54	99	82	79	20	21	18 100
Under 65 years	379	16	11	14	38	54	84	69	69	14	10	18 700
65 years and over	105	16	5	9	20	—	15	13	10	6	11	15 400
Female head	1 161	27	27	28	67	165	181	143	127	36	12	17 700
Under 65 years	797	11	10	11	46	62	63	35	33	35	9	14 700
65 years and over	364	16	16	17	21	103	118	108	94	1	1	15 400
<b>One-person households</b>	<b>2 067</b>	<b>104</b>	<b>164</b>	<b>210</b>	<b>316</b>	<b>305</b>	<b>434</b>	<b>196</b>	<b>211</b>	<b>88</b>	<b>39</b>	<b>14 500</b>
Under 65 years	886	35	51	63	119	133	220	101	93	53	18	15 900
65 years and over	1 181	69	113	147	197	172	214	95	118	35	21	13 400
<b>INCOME IN 1969</b>												
Less than \$2,000	1 114	112	107	151	185	167	174	78	86	37	17	12 500
\$2,000 to \$2,999	577	54	47	73	101	97	124	28	31	22	—	12 800
\$3,000 to \$3,999	650	46	48	43	110	150	119	63	45	15	11	13 800
\$4,000 to \$4,999	564	31	61	67	79	57	157	61	20	31	—	14 400
\$5,000 to \$5,999	693	37	33	50	67	121	102	212	65	53	11	15 100
\$6,000 to \$6,999	797	20	25	56	104	133	304	99	37	14	5	15 700
\$7,000 to \$9,999	3 071	55	158	155	358	495	1 029	461	255	76	29	16 400
\$10,000 to \$14,999	6 196	37	90	144	465	781	2 001	1 341	1 002	261	74	18 900
\$15,000 to \$24,999	4 830	11	58	52	182	252	1 031	1 072	1 329	687	156	23 900
\$25,000 or more	1 659	5	4	9	14	29	88	180	436	524	370	36 800
Median	\$12 100	\$3 800	\$6 800	\$6 300	\$8 300	\$9 600	\$11 300	\$13 200	\$15 900	\$20 400	\$28 000	...
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	2 392	37	50	56	121	216	633	388	516	279	96	21 100
1968	1 883	18	14	28	70	133	545	408	429	163	75	21 600
1967	1 474	19	22	45	32	199	402	314	240	144	57	20 300
1965 and 1966	2 700	31	33	59	131	260	744	607	492	271	72	20 800
1960 to 1964	4 209	61	142	103	320	407	1 135	783	728	413	117	19 700
1950 to 1959	4 846	63	164	162	517	807	1 302	673	681	329	148	17 400
1949 or earlier	2 787	121	195	324	500	350	524	349	272	94	58	14 300
<b>HEATING EQUIPMENT</b>												
Steam or hot water	2 452	10	46	56	117	131	421	485	671	389	126	24 600
Warm-air furnace	15 563	164	273	455	1 202	1 755	4 519	2 854	2 543	1 269	529	19 300
Built-in electric units	172	—	14	8	—	16	37	32	39	15	11	21 700
Floor, wall, or pipeless furnace	858	16	74	114	173	247	152	58	14	5	5	13 000
Other means	1 106	218	224	167	227	114	110	19	27	—	—	9 200
None	—	—	—	—	—	—	—	—	—	—	—	—
<b>AIR CONDITIONING</b>												
Room unit(s)	8 416	73	166	241	632	1 174	2 789	1 622	1 243	409	67	18 200
Central system	4 563	8	11	31	123	138	625	790	1 302	1 038	497	29 300
None	7 312	269	443	505	936	1 060	1 871	1 110	813	246	59	16 000

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.

Table A-2. Gross Rent of Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied <sup>1</sup>	20 450	466	396	614	705	2 151	3 327	4 762	4 367	1 562	56	2 044	130
<b>ROOMS</b>													
1 room	1 147	209	210	132	109	170	121	168	5	..	..	23	71
2 rooms	2 066	105	59	226	198	489	428	355	169	13	5	19	98
3 rooms	4 414	96	63	136	219	790	1 250	1 163	547	115	..	35	114
4 rooms	5 757	41	31	71	98	354	849	1 859	1 734	572	5	143	142
5 rooms	4 371	15	19	27	54	238	447	838	1 312	429	11	981	152
6 rooms	1 683	..	..	17	27	53	192	216	387	257	5	522	159
7 rooms	604	..	..	5	..	22	13	134	153	96	20	161	166
8 rooms or more	408	..	..	..	..	35	27	29	60	80	10	160	172
Median	3.8	1.7	1.4	2.3	2.7	3.0	3.4	3.9	4.3	4.7	..	5.3	..
<b>PERSONS</b>													
1 person	5 051	380	279	404	391	914	839	882	623	149	11	179	102
2 persons	6 982	39	86	132	197	796	1 295	1 978	1 723	361	10	365	132
3 persons	3 673	32	10	51	54	174	640	909	903	517	10	373	143
4 persons	2 446	11	..	16	49	115	290	526	586	335	11	507	148
5 persons	1 226	..	21	5	9	87	134	317	248	105	4	296	140
6 persons or more	1 072	..	..	6	5	65	129	150	284	95	10	324	153
Median	2.2	1.1	1.2	1.3	1.4	1.7	2.1	2.3	2.4	3.0	..	3.7	..
Units with roomers, boarders, or lodgers	1 205	22	31	23	19	60	106	230	279	420	9	6	169
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
With all plumbing facilities	19 478	265	208	418	597	2 039	3 262	4 727	4 357	1 557	54	1 992	132
0.50 or less	8 275	154	72	249	294	1 002	1 242	1 936	2 139	550	31	606	133
0.51 to 1.00	9 890	79	132	155	277	840	1 767	2 500	1 973	959	25	1 183	133
1.01 to 1.50	974	17	..	4	22	109	194	204	188	48	..	190	127
1.51 or more	337	15	..	10	4	88	59	87	57	..	..	13	114
Lacking some or all plumbing facilities	972	201	188	196	108	112	65	35	10	5	..	52	64
0.50 or less	349	49	..	72	57	70	22	11	..	5	..	44	72
0.51 to 1.00	534	147	156	112	46	26	21	13	5	..	..	8	57
1.01 to 1.50	28	..	..	..	..	5	..	11	..	..	..	..	..
1.51 or more	61	5	6	12	5	11	..	..	5	..	..	..	..
<b>BEDROOMS</b>													
None	1 393	197	175	158	179	277	216	191	..	..	..	..	79
1	6 251	189	102	296	329	1 336	1 593	1 490	737	134	..	45	111
2	7 923	20	20	62	141	407	1 057	2 828	1 967	927	23	471	141
3 or more	4 720	36	30	38	57	259	338	489	1 680	564	..	1 229	165
<b>YEAR STRUCTURE BUILT</b>													
1969 to March 1970	807	..	..	4	..	..	51	274	308	160	..	10	161
1965 to 1968	3 264	89	16	38	16	74	332	690	1 316	593	17	83	163
1960 to 1964	2 994	27	8	16	6	94	451	845	907	365	14	261	147
1950 to 1959	4 008	39	35	50	93	367	664	1 118	760	130	5	747	130
1940 to 1949	2 848	46	71	106	127	493	575	621	290	85	5	429	113
1939 or earlier	6 529	265	266	400	463	1 123	1 254	1 214	786	229	15	514	108
<b>ELEVATOR IN STRUCTURE</b>													
4 floors or more	517	63	60	..	23	175	21	23	40	112	..	..	94
With elevator	430	63	60	..	23	136	21	23	40	84	..	..	93
Walk-up	87	..	20	..	..	39	..	..	..	28	..	..	..
1 to 3 floors	19 770	379	267	554	683	2 104	3 183	4 975	4 344	1 513	23	1 745	131
<b>COMPLETE BATHROOMS</b>													
1 and 1 1/2	18 748	231	201	392	575	1 926	3 295	4 600	4 251	1 392	38	1 847	132
2 or more	636	7	21	8	..	23	15	41	108	159	28	226	192
None or also used by another household	1 106	223	176	239	119	142	64	47	31	6	..	59	65
<b>INCOME IN 1969</b>													
Less than \$2,000	3 330	290	141	176	194	379	462	621	509	425	10	123	118
\$2,000 to \$2,999	1 843	25	89	85	117	280	292	433	306	146	..	70	120
\$3,000 to \$3,999	1 910	62	79	72	137	307	412	420	248	108	..	65	113
\$4,000 to \$4,999	1 683	23	10	62	31	274	361	423	240	75	..	184	119
\$5,000 to \$5,999	1 733	24	23	55	55	179	358	434	351	40	..	214	125
\$6,000 to \$6,999	1 681	16	11	33	50	165	332	411	268	55	..	340	125
\$7,000 to \$9,999	3 880	20	22	69	73	339	653	1 079	868	206	5	546	134
\$10,000 to \$14,999	3 161	6	21	44	38	157	361	733	1 117	316	5	363	152
\$15,000 to \$24,999	1 048	..	..	18	..	65	76	172	417	156	25	119	166
\$25,000 or more	181	..	..	..	10	6	20	36	43	35	11	20	160
Median	\$5 600	\$2000	\$2 600	\$3 600	\$3 300	\$4 400	\$5 400	\$6 100	\$7 900	\$5 700	..	\$7 100	..
<b>YEAR MOVED INTO UNIT</b>													
1969 to March 1970	12 364	132	208	351	371	1 194	1 981	3 055	2 877	1 189	53	953	134
1968	3 054	109	29	95	83	272	661	598	636	154	6	411	124
1967	1 859	102	52	60	53	185	289	416	355	89	..	258	124
1965 and 1966	1 391	52	47	45	77	127	200	340	314	63	..	126	127
1960 to 1964	951	48	56	29	42	166	141	181	128	45	7	108	111
1950 to 1959	490	11	..	29	55	116	67	45	44	7	..	116	97
1949 or earlier	381	7	6	30	13	31	35	53	36	10	..	160	113
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>													
Less than 10 percent	778	55	43	106	59	159	139	136	70	11	..	..	95
10 to 14 percent	2 184	66	40	98	100	320	438	556	469	86	..	..	122
15 to 19 percent	3 014	41	53	71	67	339	570	784	877	193	19	..	134
20 to 24 percent	2 478	42	75	52	62	240	508	688	626	185	..	..	131
25 to 34 percent	3 104	71	55	72	145	375	596	842	728	209	11	..	128
35 percent or more	6 517	161	120	198	254	680	998	1 692	1 547	852	15	..	135
Not computed	2 375	30	10	17	18	38	78	64	50	26	..	2 044	113
<b>AIR CONDITIONING</b>													
Room unit(s)	7 643	55	28	113	94	444	1 266	2 282	2 038	417	17	889	138
Central system	2 259	..	12	14	7	14	31	222	1 070	842	16	31	188
None	10 588	406	358	512	593	1 633	2 077	2 184	1 282	298	33	1 212	111

<sup>1</sup>Excludes one-family homes on 10 acres or more.

Table A-3. Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (dollars)
<b>Owner occupied housing units</b>	<b>25 519</b>	<b>1 544</b>	<b>765</b>	<b>965</b>	<b>970</b>	<b>1 073</b>	<b>1 232</b>	<b>4 099</b>	<b>7 389</b>	<b>5 593</b>	<b>1 889</b>	<b>11 400</b>
<b>ROOMS</b>												
1 and 2 rooms	154	35	5	28	5	16	10	20	21	14	-	5 300
3 rooms	698	171	54	76	43	47	52	120	80	38	17	5 100
4 rooms	3 826	283	210	234	258	276	299	927	902	383	54	8 100
5 rooms	8 214	498	264	368	354	326	503	1 540	2 767	1 346	248	10 500
6 rooms	6 266	330	156	148	162	212	220	845	2 081	1 720	392	12 500
7 rooms or more	6 361	227	76	111	148	196	148	647	1 538	2 092	1 178	15 400
<b>PERSONS</b>												
1 person	3 049	841	278	299	218	264	226	319	371	181	52	4 500
2 persons	7 806	407	307	451	433	406	483	1 356	2 018	1 442	503	10 100
3 and 4 persons	9 327	207	129	174	239	348	348	1 578	3 176	2 387	820	12 700
5 persons	2 975	51	20	47	53	109	474	1 066	850	291	13 400	
6 persons or more	2 362	38	31	27	33	81	66	372	758	733	223	13 500
Units with roomers, boarders, or lodgers	495	74	61	51	44	28	40	56	83	54	4	5 600
<b>BEDROOMS</b>												
Less than 3	9 167	1 052	346	635	503	259	649	1 929	2 203	1 423	168	8 800
3	11 605	546	191	270	399	386	402	1 514	4 054	2 972	871	12 600
4 or more	4 757	145	41	86	113	119	99	354	1 071	1 560	1 169	17 200
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	1 150	26	30	44	54	69	103	222	369	177	56	10 400
1960 to 1968	7 719	217	83	171	204	269	356	1 454	2 597	1 738	630	12 100
1950 to 1959	6 160	218	128	188	233	181	243	939	1 972	1 553	505	12 400
1949 or earlier	10 490	1 083	524	562	479	554	530	1 484	2 451	2 125	698	10 100
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	3 498	154	101	119	153	146	247	820	1 055	476	227	10 000
1968	2 565	57	27	103	106	132	157	506	819	508	150	11 200
1960 to 1967	10 133	426	180	269	262	401	430	1 677	3 297	2 476	715	12 200
1959 or earlier	9 327	847	520	449	444	504	433	1 139	2 222	2 046	723	10 700
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine	18 564	918	160	437	490	450	763	2 507	5 849	5 020	2 070	13 100
Clothes dryer	16 246	464	143	240	335	289	585	2 190	5 216	4 730	2 052	13 700
Dishwasher	7 117	128	18	-	95	64	81	466	2 143	2 580	1 542	17 200
Home food freezer	10 738	389	83	305	365	258	380	1 326	3 351	3 322	959	13 400
Owned second home	1 072	39	-	23	39	23	39	39	245	382	259	17 700
With air conditioning	15 707	592	394	417	455	548	694	2 250	4 694	4 064	1 599	12 700
Room unit(s)	10 611	442	289	325	355	419	612	1 713	3 417	2 456	583	11 700
Central system	5 096	150	105	92	100	129	82	537	1 277	1 608	1 016	15 500
Automobiles available:												
1	12 566	745	487	615	640	874	840	2 598	3 406	1 920	441	9 400
2	9 753	192	117	99	191	178	320	1 299	3 395	2 904	1 058	13 700
3 or more	1 645	14	6	15	8	27	15	101	521	640	298	16 800
<b>Renter occupied housing units</b>	<b>21 842</b>	<b>3 384</b>	<b>1 897</b>	<b>1 945</b>	<b>1 757</b>	<b>1 865</b>	<b>1 772</b>	<b>4 137</b>	<b>3 564</b>	<b>1 264</b>	<b>257</b>	<b>6 000</b>
<b>ROOMS</b>												
1 room	1 147	425	141	212	62	66	54	95	58	30	4	3 000
2 rooms	2 079	553	313	242	191	207	112	237	170	37	17	3 700
3 rooms	4 456	907	553	580	490	316	372	708	412	108	10	4 400
4 rooms	5 865	794	467	477	536	559	451	1 295	937	293	56	6 200
5 rooms	4 562	516	266	290	298	401	448	1 054	962	293	34	7 200
6 rooms or more	3 733	189	157	144	180	316	335	748	1 025	503	136	9 200
<b>PERSONS</b>												
1 person	5 125	1 528	699	634	489	342	292	489	470	160	22	3 500
2 persons	7 392	973	703	763	579	602	610	1 497	1 198	373	94	6 100
3 and 4 persons	6 670	745	447	420	522	629	580	1 454	1 257	531	85	7 000
5 persons	1 377	61	25	47	102	161	127	393	346	95	20	8 300
6 persons or more	1 278	77	23	81	65	131	163	304	293	105	36	8 000
Units with roomers, boarders, or lodgers	1 222	573	213	153	47	74	45	66	42	9	-	2 200
<b>BEDROOMS</b>												
None	1 415	491	112	244	136	81	67	170	85	29	-	3 400
1	6 314	1 597	521	1 040	551	519	439	963	494	129	61	4 000
2	8 156	976	757	667	667	933	702	1 586	1 216	510	114	6 700
3 or more	5 947	381	335	146	260	702	423	1 341	1 578	656	125	8 600
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	807	114	54	92	59	116	62	140	112	46	12	5 700
1960 to 1968	6 299	1 029	606	483	407	501	439	1 309	1 084	373	68	6 300
1950 to 1959	4 113	392	241	272	411	394	414	846	890	229	24	6 800
1949 or earlier	10 623	1 849	996	1 098	880	854	857	1 842	1 478	616	153	5 600
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	12 571	2 347	1 414	1 231	1 090	1 164	1 030	2 215	1 647	348	85	5 200
1968	3 201	365	175	251	291	231	332	640	686	230	-	6 900
1960 to 1967	4 587	519	255	346	321	321	331	1 085	941	421	103	7 700
1959 or earlier	1 479	146	133	92	77	48	116	211	389	215	52	8 800
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>												
Specified renter occupied:	20 450	3 330	1 843	1 910	1 683	1 733	1 681	3 880	3 161	1 048	181	5 800
Less than 15 percent	2 962	6	-	26	29	87	98	555	1 223	777	161	12 800
15 to 19 percent	5 014	5	-	96	49	156	251	1 160	1 157	140	-	9 500
20 to 24 percent	2 478	22	65	101	190	306	418	989	381	6	-	7 400
25 to 34 percent	3 104	77	134	486	624	661	483	596	37	6	-	5 300
35 percent or more	6 517	2 766	1 574	1 136	607	309	91	34	-	-	-	2 300
Not computed	2 375	454	70	65	184	214	340	546	363	119	20	6 600
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine	7 906	664	396	401	419	779	731	1 834	1 727	787	168	7 900
Clothes dryer	6 677	555	240	255	315	703	587	1 646	1 623	606	147	8 200
Dishwasher	1 730	131	55	61	78	100	114	416	485	180	110	9 400
Home food freezer	3 219	301	81	56	137	366	173	645	953	357	150	9 300
Owned second home	1 068	245	106	68	19	-	-	43	132	55	-	2 800
With air conditioning	10 297	1 422	810	643	684	690	819	2 163	2 086	800	180	7 100
Room unit(s)	8 010	813	590	488	595	617	731	1 846	1 616	586	128	7 300
Central system	2 287	609	220	155	89	73	88	317	470	214	52	6 000
Automobiles available:												
1	13 695	1 396	1 149	1 043	1 294	1 393	1 448	2 976	2 227	679	90	6 400
2	3 965	330	215	208	220	180	211	859	1 209	425	108	9 200
3 or more	759	205	95	102	47	16	23	51	109	75	36	3 800

<sup>1</sup>Excludes one-family homes on 10 acres or more.

Table A-4. Plumbing Facilities by Persons Per Room for Owner and Renter Occupied Housing Units: 1970

(Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.)

The SMSA	With all plumbing facilities						Lacking some or all plumbing facilities				
	Total	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more
<b>Owner occupied housing units</b> -----	25 519	25 103	13 141	10 968	883	111	416	291	84	27	14
<b>PERSONS</b>											
1 person.....	3 049	2 887	2 869	18	--	--	162	151	11	--	--
2 persons.....	7 806	7 665	7 336	312	--	17	141	122	14	--	5
3 persons.....	4 558	4 523	2 071	2 452	--	--	35	12	23	--	--
4 persons.....	4 769	4 747	613	4 102	26	6	22	6	11	5	--
5 persons.....	2 975	2 951	252	2 582	113	4	24	--	15	--	9
6 persons or more.....	2 362	2 330	--	1 502	744	84	32	--	10	22	--
Median.....	2.9	2.9	2.0	4.2	6.5	7.3	1.8	1.5	--	--	--
Units with roomers, boarders, or lodgers.....	495	487	243	213	20	11	8	4	--	--	4
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970.....	1 006	999	510	461	28	--	7	7	--	--	--
1965 to 1968.....	3 758	3 747	1 566	2 020	150	11	11	5	--	6	--
1960 to 1964.....	4 055	4 027	1 649	2 126	219	33	28	7	14	--	7
1950 to 1959.....	6 179	6 141	2 913	2 934	257	37	38	32	--	6	--
1940 to 1949.....	2 336	2 324	1 284	945	61	34	12	7	5	--	--
1939 or earlier.....	8 189	7 919	5 182	2 473	227	37	270	190	63	7	10
<b>INCOME IN 1969</b>											
Less than \$2,000.....	1 544	1 439	1 143	274	22	--	105	99	6	--	--
\$2,000 to \$2,999.....	765	719	574	131	14	--	46	31	11	--	4
\$3,000 to \$3,999.....	970	924	723	174	20	7	41	25	5	11	--
\$4,000 to \$4,999.....	1 073	1 045	704	287	39	15	26	13	13	--	--
\$5,000 to \$5,999.....	1 232	1 211	725	441	45	--	28	16	5	7	--
\$6,000 to \$6,999.....	4 089	4 031	1 839	1 968	197	27	21	16	--	--	5
\$7,000 to \$9,999.....	7 389	7 348	3 150	3 863	295	40	68	28	35	5	--
\$10,000 to \$14,999.....	5 593	5 560	2 489	2 859	202	10	41	27	9	--	5
\$15,000 to \$24,999.....	1 889	1 882	1 138	708	30	6	33	29	--	4	--
\$25,000 or more.....	1 889	1 882	1 138	708	30	6	7	7	--	--	--
Median.....	\$11 400	\$11 500	\$10 300	\$12 500	\$11 400	\$10 100	\$4 600	\$3 600	--	--	--
<b>VALUE-INCOME RATIO</b>											
<i>Specified owner occupied<sup>1</sup></i>	20 151	19 871	10 013	9 083	701	74	280	192	58	21	9
Less than 1.5.....	7 699	7 571	3 264	3 888	368	51	128	65	47	16	--
1.5 to 1.9.....	4 663	4 627	2 056	2 445	117	9	36	31	5	--	--
2.0 to 2.4.....	2 562	2 543	1 166	1 285	92	7	19	14	--	5	--
2.5 to 2.9.....	1 472	1 467	796	601	63	7	5	--	--	--	5
3.0 to 3.9.....	1 388	1 388	943	410	15	--	20	20	--	--	--
4.0 or more.....	2 170	2 110	1 635	422	46	7	60	50	6	--	4
Not computed.....	197	185	153	32	--	--	12	12	--	--	--
<b>HEATING EQUIPMENT</b>											
Steam or hot water.....	3 045	2 981	1 737	1 170	69	5	64	54	4	6	--
Warm-air furnace.....	19 590	19 446	9 918	8 735	703	90	144	92	27	16	9
Built-in electric units.....	276	271	134	128	4	5	5	5	--	--	5
Floor, wall, or pipeless furnace.....	1 077	1 053	552	459	42	--	24	19	--	--	--
Other means.....	1 327	1 352	800	476	65	11	175	122	48	5	--
None.....	4	--	--	--	--	--	4	4	--	--	--
<b>Renter occupied housing units</b> -----	21 842	20 790	8 995	10 419	1 029	347	1 052	407	554	28	61
<b>PERSONS</b>											
1 person.....	5 125	4 423	3 891	532	--	--	702	319	383	--	--
2 persons.....	7 392	7 162	4 247	2 783	--	132	230	77	109	--	44
3 persons.....	3 931	3 907	635	3 140	96	36	24	5	19	--	--
4 persons.....	2 739	2 704	175	2 352	163	14	35	6	23	--	6
5 persons.....	1 377	1 348	47	1 081	169	51	29	--	12	17	--
6 persons or more.....	1 278	1 246	--	531	601	114	32	--	10	11	11
Median.....	2.3	2.3	1.6	3.1	6.8	3.9	1.2	1.1	1.2	--	--
Units with roomers, boarders, or lodgers.....	1 222	1 146	347	733	38	28	76	5	48	--	23
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970.....	806	801	323	467	6	5	5	--	--	--	5
1965 to 1968.....	3 259	3 244	1 434	1 607	155	48	15	--	7	--	8
1960 to 1964.....	3 075	3 027	1 178	1 634	170	45	48	29	19	--	--
1950 to 1959.....	4 032	3 988	1 447	2 192	264	85	44	14	23	7	--
1940 to 1949.....	2 944	2 838	1 092	1 574	109	63	106	32	74	--	--
1939 or earlier.....	7 722	6 887	3 578	3 006	251	52	835	344	418	22	51
<b>INCOME IN 1969</b>											
Less than \$2,000.....	3 384	3 023	1 467	1 419	78	59	361	131	207	--	23
\$2,000 to \$2,999.....	1 897	1 744	887	788	45	24	153	79	69	5	--
\$3,000 to \$3,999.....	1 945	1 784	802	828	100	54	161	53	85	7	16
\$4,000 to \$4,999.....	1 757	1 683	740	842	76	25	74	42	32	--	--
\$5,000 to \$5,999.....	1 865	1 793	658	992	103	40	72	33	34	--	5
\$6,000 to \$6,999.....	1 772	1 745	630	974	122	19	27	5	22	--	--
\$7,000 to \$9,999.....	4 137	4 032	1 537	2 156	259	80	105	17	66	5	17
\$10,000 to \$14,999.....	3 564	3 478	1 545	1 721	181	31	86	47	33	6	--
\$15,000 to \$24,999.....	1 264	1 256	587	598	60	11	8	--	8	--	--
\$25,000 or more.....	257	252	142	101	5	4	5	--	--	5	--
Median.....	\$6 000	\$6 200	\$5 900	\$6 300	\$6 900	\$5 300	\$3 100	\$2 900	\$3 000	--	--
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>											
<i>Specified renter occupied<sup>2</sup></i>	20 450	19 478	8 275	9 890	976	337	972	349	534	28	61
Less than 10 percent.....	778	686	321	305	41	19	92	18	69	5	--
10 to 14 percent.....	2 184	2 057	799	1 129	118	11	127	41	64	5	17
15 to 19 percent.....	3 014	2 925	1 280	1 443	129	73	89	16	51	6	6
20 to 24 percent.....	2 478	2 370	962	1 231	152	25	108	42	59	7	--
25 to 34 percent.....	3 104	2 981	1 333	1 429	132	87	123	64	44	--	15
35 percent or more.....	6 517	6 159	2 826	3 029	204	100	358	114	216	5	23
Not computed.....	2 375	2 300	754	1 324	200	22	75	54	21	--	--
<b>HEATING EQUIPMENT</b>											
Steam or hot water.....	3 992	3 631	1 952	1 554	56	69	361	117	215	18	11
Warm-air furnace.....	13 554	13 118	5 398	6 774	777	169	436	133	265	5	33
Built-in electric units.....	932	912	475	459	15	54	20	5	15	--	--
Floor, wall, or pipeless furnace.....	1 119	1 108	475	545	69	19	11	6	5	--	--
Other means.....	2 239	2 021	786	1 087	112	36	218	146	56	5	11
None.....	6	--	--	--	--	--	6	--	--	--	--

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.

<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table A-5. Rooms in Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
<b>Owner occupied housing units</b>	<b>25 519</b>	<b>57</b>	<b>97</b>	<b>698</b>	<b>3 826</b>	<b>8 214</b>	<b>6 266</b>	<b>3 158</b>	<b>3 203</b>	<b>5.5</b>
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	25 007	14	93	589	3 780	8 042	6 236	3 194	3 059	5.5
<b>PERSONS</b>										
1 person	3 049	29	54	300	670	1 046	502	252	196	5.0
2 persons	7 806	22	33	293	1 888	2 578	1 816	690	486	5.1
3 persons	4 558	—	—	65	756	1 654	1 101	506	476	5.4
4 persons	4 769	—	6	31	325	1 584	1 444	760	619	5.8
5 persons	2 975	—	4	9	113	912	787	520	630	6.1
6 persons or more	2 362	6	—	—	74	440	616	430	796	6.6
Median	2.9	—	—	1.7	2.2	2.8	3.2	3.7	4.2	—
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
<b>With all plumbing facilities</b>	<b>25 103</b>	<b>41</b>	<b>85</b>	<b>620</b>	<b>3 757</b>	<b>8 092</b>	<b>6 271</b>	<b>3 143</b>	<b>3 154</b>	<b>5.5</b>
0.50 or less	13 141	—	47	245	2 513	3 528	3 378	1 437	1 993	5.6
0.51 to 1.00	10 968	18	28	349	1 063	4 124	2 611	1 653	1 122	5.5
1.01 to 1.50	883	—	—	26	149	398	218	53	39	5.2
1.51 or more	111	23	10	—	32	42	4	—	—	4.8
<b>Lacking some or all plumbing facilities</b>	<b>416</b>	<b>16</b>	<b>12</b>	<b>78</b>	<b>69</b>	<b>122</b>	<b>55</b>	<b>15</b>	<b>49</b>	<b>4.8</b>
0.50 or less	291	—	7	55	45	96	41	11	36	4.9
0.51 to 1.00	84	11	5	9	18	26	5	4	6	—
1.01 to 1.50	27	—	—	5	6	—	9	—	7	—
1.51 or more	14	5	—	9	—	—	—	—	—	—
<b>BEDROOMS</b>										
None and 1	1 130	43	105	470	313	124	20	—	55	3.4
2	8 037	—	—	287	3 366	3 112	1 020	213	39	4.6
3	11 605	—	—	—	69	4 937	4 323	1 649	607	5.7
4 or more	4 757	—	—	—	—	75	733	1 161	2 788	7.5+
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	1 150	—	—	19	340	306	201	96	188	5.2
1960 to 1968	7 719	10	11	159	1 291	2 567	1 861	814	1 006	5.4
1950 to 1959	6 160	5	21	207	740	2 518	1 582	645	442	5.3
1949 or earlier	10 490	42	65	313	1 455	2 823	2 622	1 603	1 567	5.7
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	19 755	38	79	575	3 610	7 380	4 828	2 012	1 233	5.3
2 or more	5 302	—	20	19	170	677	1 408	1 182	1 826	6.8
None or also used by another household	466	28	6	77	68	154	70	21	42	4.9
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b>	<b>20 151</b>	<b>22</b>	<b>34</b>	<b>152</b>	<b>1 933</b>	<b>6 921</b>	<b>5 549</b>	<b>2 810</b>	<b>2 730</b>	<b>5.7</b>
Less than 1.5	7 699	5	18	50	811	2 774	2 076	1 038	927	5.6
1.5 to 1.9	4 663	—	9	27	346	1 527	1 399	683	672	5.8
2.0 to 2.9	4 034	5	4	16	266	1 349	1 108	579	707	5.8
3.0 or more	3 558	12	3	55	488	1 207	900	483	410	5.5
Not computed	197	—	—	4	22	64	66	27	14	5.6
<b>Renter occupied housing units</b>	<b>21 842</b>	<b>1 147</b>	<b>2 079</b>	<b>4 456</b>	<b>5 865</b>	<b>4 562</b>	<b>2 006</b>	<b>924</b>	<b>803</b>	<b>4.1</b>
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	20 420	592	1 826	4 119	5 827	4 440	1 919	925	772	4.1
<b>PERSONS</b>										
1 person	5 125	915	1 188	1 565	1 012	300	53	43	49	2.8
2 persons	7 392	176	787	2 105	2 442	1 116	395	198	173	3.8
3 persons	3 931	36	96	553	1 445	1 161	392	160	88	4.4
4 persons	2 739	16	4	163	717	1 002	454	202	181	5.0
5 persons	1 377	4	4	43	186	556	385	101	98	5.3
6 persons or more	1 278	—	—	27	63	427	327	220	214	5.9
Median	2.3	1.1	1.4	1.8	2.3	3.2	3.9	3.8	4.0	—
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
<b>With all plumbing facilities</b>	<b>20 790</b>	<b>714</b>	<b>1 854</b>	<b>4 297</b>	<b>5 766</b>	<b>4 524</b>	<b>1 970</b>	<b>903</b>	<b>762</b>	<b>4.1</b>
0.50 or less	8 995	—	995	1 488	3 402	1 404	819	380	507	4.1
0.51 to 1.00	10 419	532	755	2 581	2 138	2 704	994	485	230	4.1
1.01 to 1.50	1 029	—	96	163	205	354	153	33	25	4.6
1.51 or more	347	182	8	65	21	62	4	5	—	1.5
<b>Lacking some or all plumbing facilities</b>	<b>1 052</b>	<b>433</b>	<b>225</b>	<b>159</b>	<b>99</b>	<b>38</b>	<b>36</b>	<b>21</b>	<b>41</b>	<b>1.9</b>
0.50 or less	407	—	193	77	52	12	21	21	31	2.6
0.51 to 1.00	556	383	32	77	24	15	15	—	10	1.2
1.01 to 1.50	28	—	—	—	17	11	—	—	—	—
1.51 or more	61	50	—	5	6	—	—	—	—	—
<b>BEDROOMS</b>										
None	1 415	1 152	219	44	—	—	—	—	—	1.1
1	6 314	—	1 751	3 550	702	293	—	18	—	2.9
2	8 156	—	—	991	4 897	1 845	335	88	—	4.1
3 or more	5 947	—	—	—	51	2 550	1 867	727	752	5.7
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	807	72	43	173	362	117	34	6	—	3.8
1960 to 1968	6 299	164	534	1 359	2 610	1 256	243	77	56	3.9
1950 to 1959	4 113	76	393	645	980	1 254	548	163	54	4.5
1949 or earlier	10 623	835	1 109	2 279	1 913	1 935	1 181	678	693	4.1
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	19 952	666	1 840	4 160	5 769	4 360	1 818	778	561	4.1
2 or more	706	21	14	9	66	114	101	162	219	6.7
None or also used by another household	1 180	431	248	223	109	54	45	40	30	2.1
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b>	<b>20 450</b>	<b>1 147</b>	<b>2 066</b>	<b>4 414</b>	<b>5 757</b>	<b>4 371</b>	<b>1 683</b>	<b>604</b>	<b>408</b>	<b>4.0</b>
Less than 10 percent	778	114	93	147	186	116	84	21	17	3.7
10 to 14 percent	2 184	101	193	480	630	430	190	108	52	4.0
15 to 19 percent	3 014	114	264	587	960	695	231	97	66	4.1
20 to 24 percent	2 478	131	304	501	788	483	206	43	22	3.9
25 to 34 percent	3 104	130	284	623	1 021	542	225	58	21	3.8
35 percent or more	6 517	476	877	1 755	1 939	1 079	219	107	65	3.6
Not computed	2 375	81	51	121	233	1 026	528	170	165	5.2

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.

<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table A-6. Units in Structure for Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA	Owner occupied				Renter occupied							Mobile home or trailer
	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	
All occupied housing units	25 519	21 941	986	2 592	21 842	7 495	2 667	2 418	3 074	3 904	1 551	733
<b>ROOMS</b>												
1 room	57	42	15	-	1 147	128	15	118	240	277	369	-
2 rooms	97	39	37	21	2 079	133	96	357	450	653	333	57
3 rooms	698	190	201	307	4 456	529	548	824	787	1 223	383	142
4 rooms	3 826	2 114	286	1 426	5 865	1 369	1 032	568	791	1 432	345	328
5 rooms	8 214	7 304	217	693	4 562	2 472	410	381	555	274	89	181
6 rooms	6 266	4 006	141	119	2 006	1 347	267	141	190	29	27	5
7 rooms	3 158	3 100	32	26	824	775	75	29	35	10	-	-
8 rooms or more	3 203	3 146	57	-	803	742	24	-	26	6	-	-
Median	5.5	5.7	4.3	4.2	4.1	5.1	4.2	3.4	3.6	3.3	2.7	3.9
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	25 163	21 629	908	2 566	20 790	7 284	2 605	2 215	2 821	3 708	1 429	728
0.50 or less	13 141	11 286	625	1 230	8 995	3 061	1 168	982	1 271	1 582	619	312
0.51 to 1.00	10 968	9 527	267	1 174	10 419	3 677	1 306	1 072	1 362	1 933	688	381
1.01 to 1.50	883	721	10	152	1 029	439	123	136	149	137	15	50
1.51 or more	111	95	6	10	347	107	8	25	39	56	107	5
Lacking some or all plumbing facilities	416	312	78	26	1 052	211	62	203	233	196	122	5
0.50 or less	291	224	57	10	407	142	28	91	84	42	15	5
0.51 to 1.00	84	58	16	-	556	53	22	90	156	128	107	-
1.01 to 1.50	27	21	6	-	28	11	12	5	-	-	-	-
1.51 or more	14	9	5	-	61	5	-	17	13	26	-	-
<b>BEDROOMS</b>												
None	125	83	42	-	1 415	66	-	156	326	389	478	-
1	1 005	385	302	318	6 314	653	910	1 215	1 387	1 444	534	171
2	8 037	5 812	480	1 745	8 156	2 481	1 262	794	987	1 852	435	345
3	11 605	11 010	98	497	4 558	2 944	413	345	416	155	104	181
4 or more	4 757	4 589	94	74	1 389	1 145	133	36	57	18	-	-
<b>YEAR STRUCTURE BUILT</b>												
1949 to March 1970	1 150	621	20	509	807	48	86	42	184	299	94	54
1945 to 1968	3 781	2 742	91	948	3 282	341	230	158	407	1 335	579	232
1960 to 1964	3 938	3 072	68	798	3 017	645	366	237	372	972	218	207
1950 to 1959	6 160	5 798	79	283	4 113	1 829	491	396	497	556	129	215
1940 to 1949	2 243	2 152	77	14	2 914	1 072	522	491	433	203	183	10
1939 or earlier	8 247	7 556	651	40	7 709	3 560	972	1 094	1 181	539	348	15
<b>INCOME IN 1969</b>												
Less than \$2,000	1 544	1 255	173	116	3 384	717	294	405	605	855	463	45
\$2,000 to \$2,999	765	655	35	75	1 897	426	193	281	287	423	198	89
\$3,000 to \$3,999	965	754	66	145	1 945	465	242	285	288	401	167	97
\$4,000 to \$4,999	970	721	51	198	1 757	484	240	201	256	378	125	73
\$5,000 to \$5,999	1 073	798	46	229	1 865	577	242	174	345	283	99	145
\$6,000 to \$6,999	1 232	886	71	275	1 772	549	237	273	273	319	605	43
\$7,000 to \$7,999	4 099	3 257	103	739	4 137	1 582	623	428	512	663	175	154
\$10,000 to \$14,999	7 389	6 590	212	587	3 564	1 799	452	282	342	456	175	58
\$15,000 to \$24,999	5 593	5 217	171	205	1 264	746	124	73	102	114	84	21
\$25,000 or more	1 889	1 808	58	23	257	150	20	16	18	26	22	5
Median	\$11 400	\$12 000	\$8 500	\$8 000	\$6 000	\$8 000	\$6 500	\$5 200	\$5 300	\$4 700	\$3 700	\$5 400
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	3 498	2 458	141	899	12 571	3 399	1 435	1 494	1 985	2 644	963	651
1968	2 565	1 943	73	549	3 201	1 093	507	300	374	675	203	49
1967	1 969	1 556	55	358	1 957	799	248	165	282	234	201	28
1965 and 1966	3 161	2 787	87	287	1 473	663	195	175	193	138	109	-
1960 to 1964	5 003	4 472	193	338	1 157	644	118	133	70	115	59	18
1950 to 1959	5 318	5 055	176	87	1 573	391	123	57	64	38	-	-
1949 or earlier	4 009	3 738	258	13	806	649	30	25	53	36	13	-
<b>GROSS RENT</b>												
Specified renter occupied	...	...	...	...	20 450	6 103	2 667	2 418	3 074	3 904	1 551	733
Less than \$50	...	...	...	...	466	92	17	68	104	39	137	9
\$50 to \$59	...	...	...	...	396	88	32	55	85	85	48	3
\$60 to \$69	...	...	...	...	614	116	72	119	146	103	38	20
\$70 to \$79	...	...	...	...	705	135	96	192	131	77	43	31
\$80 to \$99	...	...	...	...	2 151	473	279	434	353	308	200	104
\$100 to \$119	...	...	...	...	3 327	834	440	526	524	657	183	163
\$120 to \$149	...	...	...	...	4 762	1 338	650	482	673	1 005	340	304
\$150 to \$199	...	...	...	...	4 367	1 705	406	257	553	1 036	328	82
\$200 to \$299	...	...	...	...	1 562	482	139	61	148	571	161	-
\$300 or more	...	...	...	...	56	40	-	-	5	-	11	-
No cash rent	...	...	...	...	2 044	800	536	254	352	23	62	17
Median	...	...	...	...	\$130	\$140	\$126	\$108	\$121	\$140	\$128	\$123
<b>HEATING EQUIPMENT</b>												
Steam or hot water	3 045	2 726	319	-	3 992	488	322	530	875	1 018	759	-
Warm-air furnace	19 590	16 664	583	2 343	13 554	4 930	1 995	1 561	1 891	2 100	507	570
Built-in electric units	276	235	13	28	932	117	62	72	122	310	243	6
Floor, wall, or pipeless furnace	1 077	955	18	104	1 119	654	153	71	67	148	10	16
Other means	1 527	1 361	53	113	2 239	1 306	135	178	119	328	32	141
None	4	-	-	4	6	-	-	6	-	-	-	-
<b>AIR CONDITIONING</b>												
Room unit(s)	10 611	8 950	431	1 230	8 010	2 470	1 013	710	1 101	1 800	731	185
Central system	5 096	4 705	120	271	2 287	292	201	104	385	959	302	44
None	9 816	8 354	432	1 030	11 541	4 876	1 442	1 535	1 535	1 121	515	517
<b>AUTOMOBILES AVAILABLE</b>												
1	12 566	10 525	467	1 574	13 695	4 572	1 651	1 621	1 952	2 565	814	520
2	9 753	8 778	249	726	3 965	1 947	593	250	368	526	113	168
3 or more	1 645	1 515	33	97	759	317	57	35	86	186	70	8
None	1 559	1 191	234	134	3 419	802	355	443	615	603	551	50

\*Excludes one-family homes on 10 acres or more.

Table A-7. Household Composition for Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA

	Two-or-more-person households										One-person households	
	Total	Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years	65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
<b>Owner occupied housing units</b> .....	25 519	1 048	4 254	4 930	7 698	2 348	497	136	1 084	475	1 454	1 595
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities .....	25 103	1 041	4 240	4 893	7 628	2 288	491	120	1 030	465	1 399	1 488
0.50 or less .....	13 141	506	1 042	921	4 412	2 067	274	84	582	384	1 386	1 483
0.51 to 1.00 .....	10 968	531	2 923	3 532	2 996	212	207	31	444	74	13	5
1.01 to 1.50 .....	883	4	248	391	196	5	10	5	24	—	—	—
1.51 or more .....	111	—	27	49	24	4	—	—	—	—	—	—
Lacking some or all plumbing facilities .....	414	7	14	37	70	60	6	16	34	10	55	107
0.50 or less .....	291	—	—	—	—	—	—	—	—	—	—	—
0.51 to 1.00 .....	84	7	9	12	37	55	6	6	18	6	44	107
1.01 to 1.50 .....	27	—	5	16	—	—	—	5	6	4	11	—
1.51 or more .....	14	—	—	—	5	—	—	—	4	—	—	—
<b>UNITS IN STRUCTURE</b>												
1 .....	21 941	407	3 410	4 579	7 203	2 203	407	132	870	407	1 004	1 319
2 or more .....	986	46	88	57	194	109	15	4	59	58	161	215
Mobile home or trailer .....	2 592	595	776	294	301	36	75	—	155	10	289	61
<b>INCOME IN 1969</b>												
Less than \$2,000 .....	1 544	42	69	46	107	116	52	22	169	80	218	623
\$2,000 to \$2,999 .....	765	35	48	11	88	160	26	5	64	50	89	189
\$3,000 to \$3,999 .....	965	69	34	26	123	228	38	9	81	58	130	169
\$4,000 to \$4,999 .....	970	84	92	44	145	228	21	15	92	31	120	98
\$5,000 to \$5,999 .....	1 073	67	141	96	194	182	19	—	83	27	141	123
\$6,000 to \$6,999 .....	1 232	126	185	101	260	125	42	10	125	32	121	105
\$7,000 to \$9,999 .....	4 099	341	1 028	630	971	413	63	40	222	72	246	73
\$10,000 to \$14,999 .....	7 389	230	1 874	1 871	2 345	350	145	11	136	56	251	120
\$15,000 to \$24,999 .....	5 593	48	656	1 659	2 476	358	76	10	75	54	122	59
\$25,000 or more .....	1 889	6	127	446	989	188	15	14	37	15	16	36
Median .....	\$11 400	\$7 900	\$11 400	\$14 000	\$14 200	\$8 000	\$9 400	\$7 500	\$6 400	\$5 700	\$6 200	\$2 900
<b>VALUE-INCOME RATIO</b>												
Specified owner occupied <sup>1</sup> .....	20 151	392	3 324	4 361	6 522	1 840	379	105	797	364	886	1 181
Less than 1.5 .....	7 699	126	1 144	1 883	3 336	571	99	34	763	75	171	97
1.5 to 1.9 .....	4 643	87	1 063	1 205	1 505	308	91	21	115	25	151	92
2.0 to 2.4 .....	2 562	68	549	652	746	175	41	15	96	34	118	68
2.5 to 2.9 .....	1 472	39	243	319	375	207	23	10	88	32	72	64
3.0 to 3.9 .....	1 388	15	196	148	249	252	63	9	111	46	116	183
4.0 or more .....	2 170	57	119	154	288	323	51	16	190	148	198	626
Not computed .....	197	—	10	—	23	4	11	—	34	4	60	51
<b>Renter occupied housing units</b> .....	21 842	3 617	5 216	2 086	1 510	383	1 639	44	2 145	77	4 197	928
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities .....	20 790	3 570	5 181	2 055	1 443	361	1 574	38	2 068	77	3 618	805
0.50 or less .....	8 995	1 136	1 312	337	769	277	652	13	560	48	3 097	794
0.51 to 1.00 .....	10 419	2 312	3 361	1 376	580	79	845	19	1 286	29	521	11
1.01 to 1.50 .....	1 029	101	368	292	73	5	37	6	147	—	—	—
1.51 or more .....	347	21	140	50	21	—	40	—	75	—	—	—
Lacking some or all plumbing facilities .....	1 052	47	35	31	67	22	65	6	77	—	579	123
0.50 or less .....	407	5	16	—	29	12	12	6	8	—	248	71
0.51 to 1.00 .....	556	42	14	20	20	5	26	—	46	—	331	52
1.01 to 1.50 .....	28	—	—	5	13	5	—	—	5	—	—	—
1.51 or more .....	61	—	5	6	5	—	27	—	18	—	—	—
<b>UNITS IN STRUCTURE</b>												
1 .....	7 495	932	2 164	1 100	1 112	190	371	32	662	32	670	230
2 to 4 .....	5 085	893	1 219	556	205	90	335	6	455	13	1 039	274
5 to 19 .....	6 978	1 303	1 451	315	129	76	772	6	812	32	1 837	245
20 or more .....	1 551	164	244	54	42	27	112	—	181	—	548	179
Mobile home or trailer .....	733	325	138	61	22	—	49	—	35	—	103	—
<b>GROSS RENT</b>												
Specified renter occupied <sup>2</sup> .....	20 450	3 526	4 938	1 770	1 024	300	1 617	44	2 118	62	4 139	912
Less than \$50 .....	466	6	10	—	16	—	10	—	44	—	217	163
\$50 to \$59 .....	396	12	7	3	7	23	49	—	16	—	246	33
\$60 to \$69 .....	614	50	27	20	27	15	20	7	39	5	330	74
\$70 to \$79 .....	705	88	57	16	21	17	24	—	81	10	330	61
\$80 to \$99 .....	2 151	454	286	71	90	30	114	—	192	—	755	159
\$100 to \$119 .....	3 327	847	807	254	85	57	148	—	271	19	720	119
\$120 to \$149 .....	4 762	1 205	1 331	234	192	44	288	6	566	14	793	89
\$150 to \$199 .....	4 367	643	1 462	330	267	44	467	14	508	9	519	104
\$200 to \$299 .....	1 562	71	290	152	104	12	431	6	342	5	120	29
\$300 or more .....	56	—	11	14	10	—	5	—	5	—	5	6
No cash rent .....	2 044	150	650	676	205	58	61	11	54	—	104	75
<b>GROSS RENT AS PERCENTAGE OF INCOME BY INCOME</b>												
Specified renter occupied <sup>2</sup> .....	20 450	3 526	4 938	1 770	1 024	300	1 617	44	2 118	62	4 139	912
Less than \$5,000 .....	8 766	1 566	707	172	112	126	1 184	32	1 534	22	2 587	724
Less than 20 percent .....	211	11	—	—	—	11	17	—	16	—	131	25
20 to 24 percent .....	378	38	10	5	12	5	38	—	29	—	191	50
25 to 34 percent .....	1 321	321	180	35	33	47	24	—	135	—	405	141
35 percent or more .....	6 083	1 145	391	105	34	47	1 052	21	1 232	22	1 624	410
Not computed .....	773	51	126	27	33	16	53	11	122	—	236	98
\$5,000 to \$9,999 .....	7 294	1 558	2 598	860	299	100	292	6	461	15	970	125
Less than 20 percent .....	2 307	523	749	167	126	29	91	—	96	10	452	64
20 to 24 percent .....	1 713	420	672	112	61	5	61	—	109	5	244	24
25 to 34 percent .....	1 740	459	630	111	59	22	48	—	184	—	196	31
35 percent or more .....	434	67	115	25	15	18	47	6	66	—	63	12
Not computed .....	1 100	89	432	445	38	26	45	—	6	—	15	4
\$10,000 to \$14,999 .....	3 161	347	1 260	501	348	42	96	—	104	10	415	38
Less than 20 percent .....	2 380	316	996	265	255	21	69	—	56	10	365	27
20 to 24 percent .....	381	21	180	60	15	5	16	—	40	—	38	6
25 percent or more .....	37	—	10	—	6	—	6	—	—	—	—	5
Not computed .....	363	10	74	166	72	16	5	—	8	—	12	—
\$15,000 or more .....	1 229	55	373	237	265	32	45	6	19	15	167	15
Less than 20 percent .....	1 078	55	339	199	192	32	45	6	19	15	161	15
20 to 24 percent .....	6	—	—	—	6	—	—	—	—	—	—	—
25 percent or more .....	6	—	6	—	—	—	—	—	—	—	—	—
Not computed .....	139	—	28	38	67	—	—	—	—	—	6	—

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.

<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table A-8. Persons in Owner and Renter Occupied Housing Units: 1970

(Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

The SMSA	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
<b>Owner occupied housing units</b>	<b>25 519</b>	<b>3 049</b>	<b>7 806</b>	<b>4 558</b>	<b>4 769</b>	<b>2 975</b>	<b>1 357</b>	<b>665</b>	<b>340</b>	<b>2.9</b>
<b>BEDROOMS</b>										
None and 1	1 130	587	475	48	20					1.5
2	8 037	1 348	4 193	1 376	817	262	17	24		2.1
3	11 605	883	2 683	2 452	3 249	1 454	575	275	34	3.4
4 or more	4 757	239	810	463	853	1 102	563	498	229	4.5
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	1 150	46	390	223	238	159	76	9	9	3.1
1965 to 1968	3 781	246	835	775	925	634	222	94	50	3.5
1960 to 1964	3 938	244	987	796	913	544	244	131	79	3.4
1950 to 1959	6 160	538	1 872	1 172	1 337	701	339	136	65	3.1
1940 to 1949	2 243	313	845	342	344	208	84	90	17	2.5
1939 or earlier	8 247	1 662	2 877	1 250	1 012	729	392	205	120	2.4
<b>UNITS IN STRUCTURE</b>										
1	21 941	2 323	6 448	3 871	4 311	2 760	1 268	611	329	3.1
2 or more	986	376	350	93	97	42	17	11		1.8
Mobile home or trailer	2 592	350	1 008	594	361	173	72	23	11	2.4
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	19 755	2 611	6 286	3 762	3 387	2 169	914	421	205	2.8
2 and 2 1/2	4 818	253	1 098	795	1 176	744	426	191	135	3.7
3 or more	484	52	107	73	86	79	54	12	21	3.6
None or also used by another household	466	157	188	47	21	22	12	12	7	1.9
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b>	<b>22 470</b>	...	<b>7 806</b>	<b>4 558</b>	<b>4 769</b>	<b>2 975</b>	<b>1 357</b>	<b>665</b>	<b>340</b>	<b>3.1</b>
Male head, wife present, no nonrelatives	20 278	...	6 696	4 055	4 478	2 797	1 287	631	334	3.2
Under 25 years	1 048	...	546	324	146	27	...	5	...	2.5
25 to 34 years	4 254	...	600	942	1 514	789	241	113	53	3.9
35 to 44 years	4 930	...	414	636	1 408	1 220	709	344	199	4.5
45 to 64 years	7 698	...	3 149	1 913	1 324	738	332	164	78	2.9
65 years and over	2 348	...	1 987	240	84	23	5	5	4	2.1
Other male head	633	...	345	103	98	52	19	10	6	2.4
Under 65 years	497	...	248	97	75	52	19	10	6	2.5
65 years and over	136	...	97	6	23	...	...	...	...	2.2
Female head	1 559	...	765	400	193	126	51	24	...	2.5
Under 65 years	1 084	...	425	317	167	112	43	20	...	2.8
65 years and over	475	...	340	83	26	14	8	4	...	2.2
<b>One-person households</b>	<b>3 049</b>	<b>3 049</b>	...	...	...	...	...	...	...	<b>1.8</b>
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b>	<b>20 151</b>	<b>2 067</b>	<b>5 684</b>	<b>3 583</b>	<b>4 079</b>	<b>2 604</b>	<b>1 206</b>	<b>613</b>	<b>319</b>	<b>3.1</b>
Less than 1.5	7 699	268	2 138	1 584	1 669	1 080	511	312	137	3.4
1.5 to 1.9	4 663	243	1 224	841	1 207	657	294	116	81	3.5
2.0 to 2.4	2 562	186	641	481	573	371	192	77	41	3.4
2.5 to 2.9	1 472	136	423	230	267	232	77	67	20	3.3
3.0 to 3.9	1 388	299	497	208	181	126	40	19	18	2.3
4.0 or more	2 170	824	719	222	177	110	24	22	22	1.9
Not computed	197	111	42	17	5	10	12	...	...	1.4
<b>Renter occupied housing units</b>	<b>21 842</b>	<b>5 125</b>	<b>7 392</b>	<b>3 931</b>	<b>2 739</b>	<b>1 377</b>	<b>712</b>	<b>349</b>	<b>217</b>	<b>2.3</b>
<b>BEDROOMS</b>										
None	1 415	1 026	286	64	39					1.2
1	6 314	2 806	2 882	546	80					1.6
2	8 156	1 125	2 912	2 349	1 126	473	81	90		2.5
3 or more	5 947	182	938	1 184	1 313	1 073	681	401	175	4.0
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	807	152	365	202	56	26	6	...	...	2.2
1965 to 1968	3 282	620	1 320	712	412	144	41	28	5	2.3
1960 to 1964	3 017	588	1 050	576	394	229	133	12	35	2.4
1950 to 1959	4 113	586	1 355	807	681	352	172	89	71	2.6
1940 to 1949	2 914	780	798	585	362	194	115	50	30	2.3
1939 or earlier	7 709	2 399	2 504	1 049	834	432	245	170	76	2.1
<b>UNITS IN STRUCTURE</b>										
1	7 495	900	1 981	1 624	1 358	822	405	257	148	3.0
2	2 667	535	868	456	485	176	116	12	19	2.4
3 and 4	2 418	778	870	334	217	84	89	29	17	2.0
5 to 9	3 074	957	1 143	388	303	163	77	19	24	2.0
10 to 19	3 904	1 125	1 628	771	298	51	10	17	4	2.0
20 or more	1 551	727	548	200	43	19	4	5	5	1.6
Mobile home or trailer	733	103	354	158	35	62	11	10	...	2.2
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	19 952	4 274	7 107	3 707	2 624	1 185	604	256	195	2.3
2 or more	706	95	131	78	144	98	103	21	36	3.8
None or also used by another household	1 180	736	251	56	57	30	15	28	7	1.3
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b>	<b>16 717</b>	...	<b>7 392</b>	<b>3 931</b>	<b>2 739</b>	<b>1 377</b>	<b>712</b>	<b>349</b>	<b>217</b>	<b>2.7</b>
Male head, wife present, no nonrelatives	12 812	...	5 324	2 963	2 251	1 204	611	282	177	2.9
Under 25 years	3 617	...	2 359	954	...	...	...	...	...	2.3
25 to 34 years	5 216	...	1 680	1 336	1 260	60	15	...	...	3.2
35 to 44 years	2 086	...	253	310	530	578	208	102	52	4.4
45 to 64 years	1 510	...	694	337	221	440	311	133	109	2.7
65 years and over	383	...	336	26	11	126	67	47	16	2.1
Other male head	1 683	...	1 018	418	185	32	10	...	...	2.3
Under 65 years	1 639	...	992	412	173	32	19	11	...	2.3
65 years and over	44	...	26	6	12	...	...	...	...	...
Female head	2 222	...	1 050	550	141	...	...	...	...	2.6
Under 65 years	2 145	...	997	535	303	137	82	56	40	2.6
65 years and over	77	...	53	15	5	4	...	...	...	...
<b>One-person households</b>	<b>5 125</b>	<b>5 125</b>	...	...	...	...	...	...	...	<b>1.0</b>
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b>	<b>20 450</b>	<b>5 051</b>	<b>6 982</b>	<b>3 673</b>	<b>2 446</b>	<b>1 226</b>	<b>597</b>	<b>292</b>	<b>183</b>	<b>2.2</b>
Less than 10 percent	778	265	270	96	66	29	27	20	5	2.0
10 to 14 percent	2 184	441	756	389	308	189	40	49	12	2.4
15 to 19 percent	3 014	534	1 202	561	360	191	102	59	5	2.3
20 to 24 percent	2 478	553	911	417	331	154	62	18	32	2.3
25 to 34 percent	3 104	778	1 109	578	314	211	62	24	38	2.2
35 percent or more	6 517	2 109	2 319	1 211	542	152	106	47	31	2.0
Not computed	2 375	371	415	421	525	300	208	75	60	3.5

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.

<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table A-9. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA					The SMSA				
	Total	Less than 2 months	2 up to 6 months	6 months or more		Total	Less than 2 months	2 up to 6 months	6 months or more
Vacant for sale	224	83	58	83	Vacant for rent	784	475	217	92
<b>ROOMS</b>					<b>ROOMS</b>				
1 to 3 rooms	10	—	4	6	1 room	76	48	22	6
4 rooms	44	16	9	19	2 rooms	82	46	20	16
5 rooms	91	25	35	31	3 rooms	191	122	53	16
6 rooms	33	25	—	8	4 rooms	217	154	45	18
7 rooms or more	46	17	10	19	5 rooms	110	63	31	16
					6 rooms	82	27	40	15
					7 rooms or more	26	15	6	5
<b>PLUMBING FACILITIES</b>					<b>PLUMBING FACILITIES</b>				
With all plumbing facilities	208	77	54	77	With all plumbing facilities	710	431	202	77
Lacking some or all plumbing facilities	16	6	4	6	Lacking some or all plumbing facilities	74	44	15	15
<b>BEDROOMS</b>					<b>BEDROOMS</b>				
None and 1	—	—	—	—	None	34	19	—	15
2	148	33	44	71	1	260	156	104	—
3	51	51	—	—	2	126	35	91	—
4 or more	55	18	—	37	3 or more	190	49	55	86
<b>YEAR STRUCTURE BUILT</b>					<b>YEAR STRUCTURE BUILT</b>				
1969 to March 1970	39	25	3	11	1969 to March 1970	34	30	—	4
1960 to 1968	27	15	3	9	1960 to 1968	176	120	47	9
1950 to 1959	24	6	15	3	1950 to 1959	97	79	18	—
1949 or earlier	134	37	37	60	1949 or earlier	477	246	152	79
<b>UNITS IN STRUCTURE</b>					<b>UNITS IN STRUCTURE</b>				
1	198	77	47	74	1	281	136	105	40
2 or more	26	6	11	9	2 to 4	227	152	50	25
					5 to 9	112	71	21	20
					10 to 19	125	94	28	3
					20 or more	39	22	13	4
<b>HEATING EQUIPMENT</b>					<b>RENT ASKED</b>				
Steam or hot water	11	—	5	6	Specified vacant for rent <sup>2</sup>	744	457	211	76
Warm-air furnace	174	80	37	57	Less than \$50	74	29	27	18
Built-in electric units	—	—	—	—	\$50 to \$59	17	3	6	8
Floor, wall, or pipeless furnace	10	3	3	4	\$60 to \$79	139	77	47	15
Other means	29	—	13	16	\$80 to \$99	167	127	32	8
None	—	—	—	—	\$100 to \$119	97	66	24	7
					\$120 to \$149	149	83	59	7
					\$150 to \$199	70	43	16	11
					\$200 or more	31	29	—	2
					Median rent asked	\$97	\$99	\$96	...
<b>SALES PRICE ASKED</b>									
Specified vacant for sale <sup>1</sup>	189	73	42	74					
Less than \$5,000	26	—	6	20					
\$5,000 to \$9,999	33	6	13	14					
\$10,000 to \$14,999	47	21	7	19					
\$15,000 to \$19,999	36	10	13	13					
\$20,000 to \$24,999	—	—	—	—					
\$25,000 to \$34,999	27	24	3	8					
\$35,000 to \$49,999	16	8	—	8					
\$50,000 or more	4	4	—	—					
Median price asked	\$13 800	...	...	...					

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.

<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table A-10. Sales Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1970

[Data based on sample, see text. For meaning of symbols, see text]

The SMSA	Sales price asked—Vacant for sale <sup>1</sup>							Rent asked—Vacant for rent <sup>2</sup>						
	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
Total	189	59	47	36	—	27	20	744	91	139	167	246	70	31
<b>PLUMBING FACILITIES</b>														
With all plumbing facilities	201	70	49	46	—	—	36	528	37	75	121	261	34	—
Lacking some or all plumbing facilities	19	19	—	—	—	—	—	47	—	33	14	—	—	—
<b>BEDROOMS</b>														
None and 1	—	—	—	—	—	—	—	294	18	72	118	71	15	—
2	133	71	30	14	—	—	18	126	—	—	—	126	—	—
3	51	—	19	32	—	—	—	101	19	18	—	64	—	—
4 or more	36	18	—	—	—	—	18	54	—	18	17	—	19	—
<b>YEAR STRUCTURE BUILT</b>														
1969 to March 1970	36	—	—	6	—	17	13	34	—	3	3	10	8	10
1960 to 1968	27	—	6	10	—	7	4	176	4	9	32	77	35	19
1950 to 1959	21	10	3	8	—	—	—	97	4	24	30	26	13	—
1949 or earlier	105	49	38	12	—	3	3	437	83	103	102	133	14	2
<b>UNITS IN STRUCTURE</b>														
1	...	...	...	...	...	...	...	241	42	51	45	88	11	4
2 to 4	...	...	...	...	...	...	...	227	14	47	83	67	11	5
5 to 19	...	...	...	...	...	...	...	237	21	41	36	80	37	22
20 or more	...	...	...	...	...	...	...	39	14	—	3	11	11	—
<b>INCLUSION OF UTILITIES IN RENT</b>														
All utilities included	...	...	...	...	...	...	...	219	51	51	34	56	18	9
Some or no utilities included	...	...	...	...	...	...	...	525	40	88	133	190	52	22

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.

<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table B-1. Value of Owner Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Champaign	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
<b>Specified owner occupied<sup>1</sup></b>	<b>8 145</b>	<b>53</b>	<b>83</b>	<b>203</b>	<b>584</b>	<b>894</b>	<b>2 515</b>	<b>1 605</b>	<b>1 289</b>	<b>611</b>	<b>308</b>	<b>19 400</b>
<b>ROOMS</b>												
1 and 2 rooms	12	—	—	—	—	7	5	—	—	—	—	—
3 rooms	37	6	5	10	5	6	5	—	—	—	—	—
4 rooms	724	16	36	43	158	187	204	50	25	—	5	14 000
5 rooms	2 917	21	98	20	474	250	1 298	468	251	37	—	17 000
6 rooms	2 234	10	11	30	141	149	703	617	363	174	36	20 600
7 rooms	1 177	—	11	14	30	49	241	277	348	149	58	24 400
8 rooms or more	1 044	—	—	8	—	22	59	193	302	251	209	32 900
Median	5.7	—	—	5.0	5.0	5.0	5.3	6.0	6.5	7.1	7.5+	—
<b>PERSONS</b>												
1 person	847	9	14	53	123	144	245	115	93	35	16	16 600
2 persons	2 253	39	31	78	228	282	675	362	305	166	87	18 200
3 persons	1 481	—	18	21	63	158	524	272	224	143	58	19 500
4 persons	1 749	—	5	33	94	172	563	426	296	87	73	20 100
5 persons	1 051	—	6	—	40	65	296	271	213	123	37	22 200
5 persons or more	764	5	9	18	36	73	212	159	158	57	37	20 900
Median	3.2	—	—	2.1	2.2	2.6	3.1	3.6	3.6	3.2	3.4	—
Units with roomers, boarders, or lodgers	133	—	—	—	14	13	45	25	26	5	5	19 500
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b>	<b>8 106</b>	<b>49</b>	<b>78</b>	<b>197</b>	<b>579</b>	<b>889</b>	<b>2 510</b>	<b>1 601</b>	<b>1 284</b>	<b>611</b>	<b>308</b>	<b>19 500</b>
0.50 or less	4 063	38	45	121	374	472	1 084	676	619	394	240	19 500
0.51 to 1.00	3 758	11	24	66	181	373	1 307	885	636	212	63	19 700
1.01 to 1.50	270	—	5	10	24	44	113	35	29	5	5	16 800
1.51 or more	15	—	—	—	—	—	6	—	—	—	—	—
<b>Lacking some or all plumbing facilities</b>	<b>39</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>4</b>	<b>5</b>	<b>—</b>	<b>—</b>	<b>—</b>
0.50 or less	33	4	5	5	5	5	5	4	5	—	—	—
0.51 to 1.00	6	—	—	6	—	—	—	—	—	—	—	—
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
<b>EDROOMS</b>												
one and 1	147	22	—	—	44	—	61	20	—	—	—	—
2 and 2 1/2	2 173	26	54	127	317	402	632	347	169	70	29	16 000
4 and 2 1/2	4 217	20	—	46	368	306	1 574	849	748	262	44	19 300
or more	1 591	—	22	—	20	34	245	309	284	408	269	30 800
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	82	—	—	—	—	—	17	—	29	16	20	—
1965 to 1968	831	—	—	—	—	5	176	267	210	121	52	24 400
1960 to 1964	1 102	—	—	—	5	59	385	234	242	99	78	22 200
1950 to 1959	2 581	—	16	11	131	397	900	517	305	203	101	19 100
1940 to 1949	1 036	11	18	24	111	89	290	228	197	63	5	19 400
1939 or earlier	2 513	42	49	168	337	344	747	359	306	109	52	16 800
<b>COMPLETE BATHROOMS</b>												
1 and 1 1/2	6 276	41	83	206	509	911	2 306	1 302	754	148	16	17 700
2 and 2 1/2	1 673	—	—	6	—	29	156	320	572	419	171	30 700
3 or more	175	—	—	—	—	—	15	13	—	27	120	50 000+
None or also used by another household	80	6	7	14	7	5	21	5	15	—	—	—
<b>HOUSEHOLD COMPOSITION</b>												
<b>Two-or-more-person households</b>	<b>7 298</b>	<b>44</b>	<b>69</b>	<b>150</b>	<b>461</b>	<b>750</b>	<b>2 270</b>	<b>1 490</b>	<b>1 196</b>	<b>576</b>	<b>292</b>	<b>19 800</b>
Male head, wife present, no nonrelatives	6 597	21	58	140	381	642	2 086	1 365	1 085	539	280	19 900
Under 25 years	165	—	—	5	15	36	76	17	10	—	6	16 300
25 to 34 years	1 373	—	5	15	39	132	581	329	187	62	23	19 100
35 to 44 years	1 627	—	—	5	78	134	512	380	350	116	52	21 100
45 to 64 years	2 673	11	32	85	163	248	713	501	459	301	160	20 800
65 years and over	759	10	21	30	86	92	204	138	79	60	39	18 300
Other male head	182	12	—	—	11	23	48	47	30	5	6	19 800
Under 65 years	144	6	—	—	5	23	43	38	24	5	—	19 600
65 years and over	38	6	—	—	6	—	9	6	—	—	—	—
Female head	519	11	11	10	69	85	136	78	81	32	6	17 600
Under 65 years	387	6	11	6	51	65	97	63	61	21	6	17 600
65 years and over	132	5	—	4	18	20	39	15	20	11	—	17 400
<b>One-person households</b>	<b>847</b>	<b>9</b>	<b>14</b>	<b>53</b>	<b>123</b>	<b>144</b>	<b>245</b>	<b>115</b>	<b>93</b>	<b>35</b>	<b>16</b>	<b>16 600</b>
Under 65 years	381	—	6	9	55	82	116	66	32	15	—	16 600
65 years and over	466	9	8	44	68	62	129	49	61	20	16	16 500
<b>INCOME IN 1969</b>												
Less than \$2,000	362	22	8	29	57	76	78	35	38	14	5	14 600
\$2,000 to \$2,999	247	16	5	35	39	47	66	16	13	10	—	14 000
\$3,000 to \$3,999	257	5	—	11	45	59	61	25	35	5	6	15 300
\$4,000 to \$4,999	208	—	9	25	38	22	73	31	4	10	—	15 700
\$5,000 to \$5,999	306	5	9	10	55	44	122	35	21	5	—	15 900
\$6,000 to \$6,999	251	5	10	10	47	31	93	40	10	5	—	16 100
\$7,000 to \$9,999	1 077	—	35	41	92	44	170	436	202	70	13	17 200
\$10,000 to \$14,999	2 665	—	—	30	166	338	1 014	624	399	69	25	18 800
\$15,000 to \$24,999	1 991	—	6	12	45	96	528	504	521	224	55	23 100
\$25,000 or more	781	—	—	—	—	11	44	93	178	256	199	38 800
Median	\$12 600	—	—	\$5 200	\$7 400	\$10 000	\$11 600	\$13 400	\$16 000	\$22 800	\$32 900	—
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	916	—	13	15	33	94	285	169	169	80	58	20 500
1968	770	12	8	9	27	58	246	196	138	54	22	20 600
1967	545	—	—	19	4	66	138	129	127	47	15	21 800
1965 and 1966	1 084	—	—	6	4	28	106	323	275	83	20	21 400
1960 to 1964	1 537	—	12	34	84	99	515	330	278	140	45	20 400
1950 to 1959	2 053	—	34	14	154	385	666	310	253	134	103	18 000
1949 or earlier	1 299	35	23	129	186	137	325	231	133	56	44	17 300
<b>HEATING EQUIPMENT</b>												
Steam or hot water	858	—	11	27	35	44	166	177	205	127	66	24 100
Warm-air furnace	6 787	27	24	103	444	739	2 277	1 387	1 065	484	237	19 500
Built-in electric units	36	—	5	4	—	11	5	6	—	—	—	—
Floor, wall, or pipeless furnace	219	5	11	22	37	76	37	26	5	—	5	13 600
Other means	245	21	32	47	68	24	30	9	14	—	—	10 800
None	—	—	—	—	—	—	—	—	—	—	—	—
<b>AIR CONDITIONING</b>												
Room unit(s)	3 717	9	35	70	170	492	1 461	825	511	98	46	18 500
Central system	2 072	—	—	8	26	54	287	404	615	432	246	29 200
None	2 415	38	55	148	320	399	750	411	215	64	15	16 600

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.

Table B-2. Gross Rent of Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Champaign	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
<b>Specified renter occupied<sup>1</sup></b>	<b>7 981</b>	<b>280</b>	<b>245</b>	<b>302</b>	<b>324</b>	<b>615</b>	<b>1 117</b>	<b>1 763</b>	<b>2 078</b>	<b>883</b>	<b>19</b>	<b>155</b>	<b>134</b>
<b>ROOMS</b>													
1 room	695	125	135	96	54	38	71	158	—	—	—	18	68
2 rooms	1 145	76	54	112	92	215	240	235	63	13	—	5	102
3 rooms	1 924	59	32	67	104	341	428	492	343	47	—	11	117
4 rooms	2 040	16	12	27	45	131	221	535	726	313	—	14	152
5 rooms	1 459	4	5	—	29	84	125	246	630	294	—	42	167
6 rooms	498	—	—	—	—	—	32	52	226	140	—	5	43
7 rooms	143	—	—	—	—	—	6	25	42	39	—	14	182
8 rooms or more	77	—	—	—	—	—	—	—	—	37	—	5	17
Median	3.6	1.7	1.4	2.0	2.7	3.0	3.1	3.5	4.3	4.7	—	5.2	—
<b>PERSONS</b>													
1 person	2 793	238	182	237	186	516	450	513	316	74	—	81	100
2 persons	2 757	22	51	50	107	198	439	841	835	168	—	41	138
3 persons	1 242	9	5	9	12	46	130	230	310	5	—	—	167
4 persons	658	11	—	6	10	21	56	100	197	233	—	24	179
5 persons	291	—	7	—	4	13	21	49	120	64	—	9	170
6 persons or more	240	—	—	—	—	21	21	10	144	34	—	5	172
Median	1.9	1.1	1.2	1.1	1.4	1.3	1.7	1.9	2.4	3.1	—	1.5	—
Units with roomers, boarders, or lodgers	726	11	16	18	19	16	68	127	166	281	4	—	177
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
<b>With all plumbing facilities</b>	<b>7 405</b>	<b>155</b>	<b>103</b>	<b>179</b>	<b>259</b>	<b>764</b>	<b>1 072</b>	<b>1 748</b>	<b>2 073</b>	<b>883</b>	<b>19</b>	<b>150</b>	<b>139</b>
0.50 or less	3 603	103	38	111	134	517	498	802	991	295	10	104	133
0.51 to 1.00	3 466	41	65	63	115	191	544	879	953	560	9	46	144
1.01 to 1.50	243	7	—	—	6	44	25	20	113	28	—	—	159
1.51 or more	93	4	—	5	4	12	5	47	16	—	—	—	—
<b>Lacking some or all plumbing facilities</b>	<b>576</b>	<b>125</b>	<b>142</b>	<b>123</b>	<b>65</b>	<b>51</b>	<b>45</b>	<b>15</b>	<b>5</b>	<b>—</b>	<b>—</b>	<b>5</b>	<b>—</b>
0.50 or less	193	25	15	46	33	41	22	11	—	—	—	—	62
0.51 to 1.00	342	95	114	71	27	10	11	4	5	—	—	5	73
1.01 to 1.50	12	—	7	—	—	—	5	—	—	—	—	—	56
1.51 or more	29	5	6	6	5	—	7	—	—	—	—	—	—
<b>BEDROOMS</b>													
None	813	144	152	93	62	43	169	150	—	—	—	—	73
1	3 179	134	102	86	145	619	735	810	417	109	—	22	113
2	2 448	20	20	20	62	136	254	734	688	474	—	40	148
3 or more	1 477	—	30	—	38	54	37	42	848	386	—	42	180
<b>YEAR STRUCTURE BUILT</b>													
1969 to March 1970	167	—	—	—	—	—	4	73	31	59	—	—	160
1965 to 1968	1 281	73	11	18	5	11	35	204	553	362	—	9	175
1960 to 1964	1 144	13	5	11	—	49	132	220	477	225	9	3	165
1950 to 1959	1 396	15	31	21	26	96	156	462	483	89	5	12	143
1940 to 1949	960	15	26	36	44	139	176	299	150	53	—	22	123
1939 or earlier	3 033	164	172	216	249	520	614	505	384	95	5	109	105
<b>ELEVATOR IN STRUCTURE</b>													
4 floors or more	335	63	60	—	—	60	—	—	40	112	—	—	—
With elevator	248	63	40	—	—	21	—	—	40	84	—	—	—
Walk-up	87	—	20	—	—	39	—	—	—	28	—	—	—
1 to 3 floors	7 582	235	244	199	307	792	1 195	1 736	1 913	857	—	104	133
<b>COMPLETE BATHROOMS</b>													
1 and 1/2	7 190	155	69	189	268	755	1 033	1 729	2 051	771	11	159	138
2 or more	212	7	21	—	—	—	15	60	90	—	12	7	200
None or also used by another household	580	109	124	146	54	50	52	25	13	—	—	7	64
<b>INCOME IN 1969</b>													
Less than \$2,000	1 907	179	72	119	94	184	261	387	311	278	—	22	123
\$2,000 to \$2,999	905	21	70	49	55	105	113	204	169	98	—	21	124
\$3,000 to \$3,999	766	31	57	32	64	132	108	128	133	76	—	5	112
\$4,000 to \$4,999	630	23	6	30	26	90	128	144	110	57	—	16	121
\$5,000 to \$5,999	574	11	25	24	71	89	155	164	19	—	—	5	130
\$6,000 to \$6,999	473	—	6	23	52	100	128	111	38	—	—	15	131
\$7,000 to \$9,999	1 111	9	14	16	23	109	208	268	346	93	—	25	138
\$10,000 to \$14,999	1 175	6	15	12	5	58	86	253	560	145	5	30	162
\$15,000 to \$24,999	370	—	—	13	—	8	14	74	169	67	9	16	170
\$25,000 or more	70	—	—	—	10	6	10	22	5	12	5	—	—
Median	\$4 600	\$2 000	\$2 700	\$2 700	\$3 200	\$3 900	\$4 600	\$5 100	\$7 400	\$9 900	—	\$6 600	—
<b>YEAR MOVED INTO UNIT</b>													
1969 to March 1970	4 761	66	106	183	150	402	598	1 230	1 294	689	23	20	141
1968	1 219	72	22	71	41	107	213	210	377	76	—	30	130
1967	801	95	37	31	35	117	93	143	215	27	—	8	118
1965 and 1966	514	17	—	15	70	37	63	108	139	39	—	26	132
1960 to 1964	400	21	43	8	12	71	59	58	86	23	—	19	112
1950 to 1959	166	—	—	19	14	45	40	6	13	7	—	20	98
1949 or earlier	121	—	6	8	—	26	19	12	—	—	—	50	—
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>													
Less than 10 percent	299	15	29	41	15	62	41	75	16	5	—	—	95
10 to 14 percent	717	50	17	26	40	76	112	175	201	15	5	—	126
15 to 19 percent	1 177	15	32	34	30	134	175	194	449	105	9	—	144
20 to 24 percent	956	38	55	16	34	83	158	226	263	83	—	—	132
25 to 34 percent	1 176	58	45	41	86	133	162	278	283	85	5	—	127
35 percent or more	3 376	85	67	132	113	316	433	800	856	574	—	—	140
Not computed	280	19	—	12	6	11	36	15	10	16	—	155	108
<b>AIR CONDITIONING</b>													
Room unit(s)	2 892	38	7	69	45	197	447	946	873	156	11	103	139
Central system	1 443	—	6	14	—	7	11	131	676	592	—	6	191
None	3 647	233	201	252	277	601	627	692	575	113	12	64	107

<sup>1</sup>Excludes one-family homes on 10 acres or more.

Table B-3. Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Champaign	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (dollars)
<b>Owner occupied housing units</b>	<b>8 951</b>	<b>501</b>	<b>274</b>	<b>301</b>	<b>267</b>	<b>331</b>	<b>308</b>	<b>1 194</b>	<b>2 863</b>	<b>2 093</b>	<b>819</b>	<b>12 300</b>
<b>ROOMS</b>												
1 and 2 rooms	53	13	—	15	—	—	—	4	7	14	—	4 300
3 rooms	164	55	13	11	10	5	16	21	23	10	—	9 100
4 rooms	939	78	57	73	36	57	42	177	292	105	22	11 000
5 rooms	3 130	144	91	116	144	132	130	561	1 177	538	97	12 800
6 rooms	2 349	142	83	47	44	82	70	229	844	659	149	17 100
7 rooms or more	2 316	69	30	39	33	55	50	202	520	767	551	—
<b>PERSONS</b>												
1 person	1 076	262	99	106	81	101	73	97	167	82	8	4 900
2 persons	2 605	141	101	121	130	102	114	401	700	556	239	11 400
3 and 4 persons	3 399	62	59	49	42	89	91	442	1 356	877	332	13 200
5 persons	1 085	20	5	9	9	21	16	151	364	338	152	14 300
6 persons or more	786	16	10	16	5	18	14	103	276	240	88	13 800
Units with roomers, boarders, or lodgers	172	24	35	12	18	11	11	14	33	14	—	4 800
<b>BEDROOMS</b>												
Less than 3	2 953	378	87	241	126	83	169	431	820	568	50	9 700
3	4 417	260	60	68	165	159	114	569	1 676	1 075	271	12 400
4 or more	1 650	43	—	—	34	43	59	97	360	475	539	19 000
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	108	—	—	—	—	4	—	21	47	15	21	13 100
1960 to 1968	2 126	46	13	35	40	27	42	294	844	524	261	13 400
1950 to 1959	2 677	70	56	72	71	61	87	373	955	699	233	12 900
1949 or earlier	4 040	385	205	194	156	239	179	506	1 017	855	304	10 800
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	1 016	31	20	23	20	36	37	231	323	189	106	11 700
1968	868	29	21	48	29	27	32	131	327	173	51	11 800
1960 to 1967	3 434	156	85	91	63	66	44	472	1 218	900	339	13 000
1959 or earlier	3 650	254	188	136	132	227	168	383	985	853	324	11 700
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine	7 179	404	81	182	143	176	180	770	2 586	1 818	839	13 200
Clothes dryer	6 240	216	81	97	162	125	98	680	2 274	1 687	820	13 700
Dishwasher	3 335	39	—	—	80	44	—	187	1 009	1 159	797	17 500
Home food freezer	3 365	110	—	90	136	41	42	285	1 214	1 121	326	14 000
Owned second home	436	39	—	—	21	—	—	—	111	140	125	18 400
With air conditioning	6 279	222	139	181	139	212	175	757	2 015	1 685	754	13 300
Room unit(s)	4 101	149	103	136	115	170	147	532	1 469	1 046	234	12 400
Central system	2 178	73	36	45	24	42	28	225	546	639	520	16 100
Automobiles available:												
1	4 108	193	144	169	154	261	177	741	1 320	788	161	10 800
2	3 681	104	42	37	30	52	73	407	1 301	1 116	519	14 200
3 or more	621	—	6	8	8	10	—	27	224	198	140	16 400
<b>Renter occupied housing units</b>	<b>8 014</b>	<b>1 907</b>	<b>905</b>	<b>766</b>	<b>641</b>	<b>578</b>	<b>473</b>	<b>1 115</b>	<b>1 189</b>	<b>370</b>	<b>70</b>	<b>4 700</b>
<b>ROOMS</b>												
1 room	695	297	98	95	27	48	25	35	42	24	4	2 500
2 rooms	1 145	330	180	109	104	127	61	111	96	10	17	3 600
3 rooms	1 930	512	283	243	214	103	119	259	152	40	5	3 700
4 rooms	2 044	441	203	163	175	162	113	336	330	106	15	5 200
5 rooms	1 476	252	99	126	81	97	97	263	364	86	11	6 900
6 rooms or more	724	75	42	30	40	41	58	111	205	104	18	9 100
<b>PERSONS</b>												
1 person	2 799	866	416	312	297	207	135	240	244	76	6	3 400
2 persons	2 762	587	274	265	187	192	200	404	447	125	41	5 400
3 and 4 persons	1 908	396	203	149	127	136	121	301	339	118	18	5 600
5 persons	299	34	12	11	15	8	6	86	100	27	—	9 200
6 persons or more	246	24	—	29	15	35	11	44	59	24	5	7 600
Units with roomers, boarders, or lodgers	726	388	120	92	25	42	23	23	9	4	—	2000—
<b>BEDROOMS</b>												
None	813	405	22	102	42	65	22	82	44	29	—	2 100
1	3 200	813	366	513	290	164	164	478	240	62	61	3 800
2	2 469	510	298	120	153	221	206	270	445	180	66	5 700
3 or more	1 477	157	192	50	21	86	81	250	560	80	—	8 800
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	167	63	22	20	3	14	—	13	27	5	—	2 900
1960 to 1968	2 437	661	293	191	124	169	141	318	385	132	23	4 600
1950 to 1959	1 406	207	72	105	166	79	88	213	365	101	10	6 800
1949 or earlier	4 004	976	518	450	348	316	244	571	412	132	37	4 200
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	4 774	1 394	625	497	381	348	266	519	589	118	37	3 700
1968	1 234	251	80	86	119	101	98	182	239	78	—	5 800
1960 to 1967	1 719	249	169	114	144	111	99	384	302	140	7	6 700
1959 or earlier	287	37	32	34	37	6	14	46	51	21	9	5 600
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>												
Specified renter occupied <sup>1</sup>	7 981	1 907	905	766	630	574	473	1 111	1 175	370	70	4 700
Less than 15 percent	1 016	—	—	16	29	42	23	171	393	272	70	12 900
15 to 19 percent	1 177	—	—	52	24	68	84	303	564	82	—	10 500
20 to 24 percent	956	22	46	43	83	100	127	368	167	—	—	7 500
25 to 34 percent	1 176	58	99	191	210	201	176	220	21	—	—	5 100
35 percent or more	3 376	1 680	739	459	268	158	48	24	—	—	—	2 000
Not computed	280	147	21	5	16	5	15	25	30	16	—	2000—
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine	1 996	201	188	99	85	105	185	339	622	129	43	8 200
Clothes dryer	1 687	181	103	59	85	106	124	320	537	129	43	8 700
Dishwasher	509	68	19	36	21	21	20	45	180	56	43	10 700
Home food freezer	610	105	23	21	42	18	22	62	175	99	43	10 300
Owned second home	192	19	—	—	—	—	—	—	—	—	—	—
With air conditioning	4 348	905	404	306	284	301	257	746	792	314	39	5 900
Room unit(s)	2 892	441	236	199	227	190	190	573	536	206	22	6 400
Central system	1 456	464	188	107	57	39	67	173	256	108	17	3 900
Automobiles available:												
1	4 561	735	458	357	418	390	388	769	872	146	28	5 800
2	1 139	157	84	64	64	55	28	244	240	179	19	8 400
3 or more	380	167	61	67	34	9	7	—	11	24	—	2 400

<sup>1</sup>Excludes one-family homes on 10 acres or more.

Table B-4. Plumbing Facilities by Persons Per Room for Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Champaign	Total	With all plumbing facilities				Lacking some or all plumbing facilities					
		Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more
<b>Owner occupied housing units</b>	<b>8 951</b>	<b>8 888</b>	<b>4 596</b>	<b>3 991</b>	<b>286</b>	<b>15</b>	<b>63</b>	<b>32</b>	<b>6</b>	<b>-</b>	<b>5</b>
<b>PERSONS</b>											
1 person	1 076	1 057	1 043	14	-	-	19	19	-	-	-
2 persons	2 605	2 572	2 485	87	-	-	33	33	-	-	-
3 persons	1 596	1 596	787	809	-	-	-	-	-	-	-
4 persons	1 803	1 797	189	1 608	-	-	6	-	6	-	-
5 persons	1 085	1 080	92	982	6	-	5	-	-	-	5
6 persons or more	786	786	-	491	280	15	-	-	-	-	-
Median	3.0	3.0	2.0	4.2	7.0	...	...	...	...	...	...
Units with roomers, boarders, or lodgers	172	168	84	74	10	-	4	4	-	-	-
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970	95	95	56	39	-	-	-	-	-	-	-
1965 to 1968	990	985	386	565	34	-	5	5	-	-	-
1960 to 1964	1 171	1 171	430	672	61	8	-	-	-	-	-
1950 to 1959	2 683	2 683	1 127	1 435	106	-	15	15	-	-	-
1940 to 1949	1 112	1 105	625	443	37	-	7	7	-	-	-
1939 or earlier	2 917	2 883	1 977	835	65	6	34	22	6	-	6
<b>INCOME IN 1969</b>											
Less than \$2,000	501	488	388	88	12	-	13	13	-	-	-
\$2,000 to \$2,999	274	268	204	59	5	-	6	-	6	-	-
\$3,000 to \$3,999	301	301	233	63	5	-	-	-	-	-	-
\$4,000 to \$4,999	267	263	218	40	5	-	4	4	-	-	-
\$5,000 to \$5,999	331	331	226	97	4	4	-	-	-	-	-
\$6,000 to \$6,999	308	297	189	98	10	-	11	11	-	-	-
\$7,000 to \$9,999	1 194	1 184	555	578	51	-	10	10	-	-	-
\$10,000 to \$14,999	2 863	2 854	1 143	1 605	106	-	9	4	-	-	5
\$15,000 to \$24,999	2 093	2 083	946	1 052	80	3	10	10	-	-	-
\$25,000 or more	819	819	494	311	8	6	-	-	-	-	-
Median	\$12 300	\$12 300	\$11 200	\$13 000	\$12 400	...	...	...	...	...	...
<b>VALUE-INCOME RATIO</b>											
Specified owner occupied <sup>1</sup>	8 145	8 106	4 063	3 758	270	15	39	33	6	-	-
Less than 1.5	3 153	3 148	1 373	1 621	144	10	5	5	-	-	-
1.5 to 1.9	1 998	1 984	822	1 099	58	5	14	14	-	-	-
2.0 to 2.4	1 053	1 048	489	537	22	-	5	5	-	-	-
2.5 to 2.9	510	510	324	166	20	-	-	-	-	-	-
3.0 to 3.9	533	533	370	154	9	-	-	-	-	-	-
4.0 or more	860	845	657	171	17	-	15	9	6	-	-
Not computed	38	38	28	10	-	-	-	-	-	-	-
<b>HEATING EQUIPMENT</b>											
Steam or hot water	1 060	1 044	653	374	17	-	16	16	-	-	-
Warm-air furnace	7 334	7 302	3 606	3 443	238	15	32	27	-	-	5
Built-in electric units	48	48	26	22	-	-	-	-	-	-	-
Floor, wall, or pipeless furnace	238	238	137	96	5	-	-	-	-	-	-
Other means	271	256	174	56	26	-	15	9	6	-	-
None	-	-	-	-	-	-	-	-	-	-	-
<b>Renter occupied housing units</b>	<b>8 014</b>	<b>7 438</b>	<b>3 614</b>	<b>3 478</b>	<b>253</b>	<b>93</b>	<b>576</b>	<b>193</b>	<b>342</b>	<b>12</b>	<b>29</b>
<b>PERSONS</b>											
1 person	2 799	2 350	2 015	335	-	-	449	180	269	-	-
2 persons	2 762	2 668	1 421	1 191	-	56	94	13	63	-	18
3 persons	1 245	1 240	146	1 060	23	11	5	-	5	-	-
4 persons	663	652	27	584	41	-	11	-	5	-	6
5 persons	299	292	5	223	60	4	7	-	-	7	-
6 persons or more	246	236	-	85	129	22	10	-	-	5	5
Median	1.9	2.0	1.4	2.7	5.5	...	1.1	1.0	1.1	...	...
Units with roomers, boarders, or lodgers	726	676	188	464	11	13	50	-	43	-	7
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970	175	170	38	121	6	5	5	-	-	-	5
1965 to 1968	1 276	1 261	581	605	41	34	15	-	7	-	8
1960 to 1964	1 159	1 139	533	575	20	11	20	7	13	-	-
1950 to 1959	1 382	1 368	623	666	72	7	14	7	7	-	-
1940 to 1949	968	912	421	463	28	-	56	14	42	-	-
1939 or earlier	3 054	2 620	1 410	1 131	53	26	434	157	245	14	18
<b>INCOME IN 1969</b>											
Less than \$2,000	1 907	1 708	820	820	38	30	199	42	139	-	18
\$2,000 to \$2,999	905	797	387	377	23	10	108	60	48	-	-
\$3,000 to \$3,999	766	681	324	318	25	14	85	23	44	-	11
\$4,000 to \$4,999	641	585	340	231	14	-	56	24	32	-	-
\$5,000 to \$5,999	578	532	255	244	27	6	46	21	25	-	-
\$6,000 to \$6,999	473	462	211	245	6	-	11	-	11	-	-
\$7,000 to \$9,999	1 115	1 095	493	527	56	19	20	-	20	-	-
\$10,000 to \$14,999	1 189	1 151	570	522	54	5	38	23	15	-	-
\$15,000 to \$24,999	370	362	174	173	10	5	8	-	8	-	-
\$25,000 or more	70	65	40	21	-	4	5	-	-	5	-
Median	\$4 700	\$4 900	\$4 800	\$5 000	\$6 000	...	\$2 800	\$2 900	\$2 700	...	...
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>											
Specified renter occupied <sup>2</sup>	7 981	7 405	3 603	3 466	243	93	576	193	342	12	29
Less than 10 percent	299	239	134	96	-	9	60	12	43	5	-
10 to 14 percent	717	647	306	316	25	-	70	25	45	-	-
15 to 19 percent	1 177	1 129	551	506	54	18	48	16	26	-	6
20 to 24 percent	936	869	419	409	40	-	88	36	45	7	-
25 to 34 percent	1 176	1 091	575	474	32	10	85	42	33	-	10
35 percent or more	3 376	3 163	1 456	1 563	92	52	213	62	138	-	13
Not computed	280	268	162	102	-	4	12	-	12	-	-
<b>HEATING EQUIPMENT</b>											
Steam or hot water	2 108	1 833	1 074	720	24	15	275	99	153	12	11
Warm-air furnace	4 570	4 335	2 048	2 077	186	24	235	71	157	-	7
Built-in electric units	455	444	175	221	9	39	11	-	11	-	-
Floor, wall, or pipeless furnace	252	252	109	116	22	5	-	-	-	-	-
Other means	629	574	208	344	12	10	55	23	21	-	11
None	-	-	-	-	-	-	-	-	-	-	-

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property. <sup>2</sup>Excludes one-family homes on 10 acres or more.

Table B-5. Rooms in Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Champaign	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
<b>Owner occupied housing units</b>	<b>8 951</b>	<b>14</b>	<b>39</b>	<b>164</b>	<b>939</b>	<b>3 130</b>	<b>2 349</b>	<b>1 212</b>	<b>1 104</b>	<b>5.6</b>
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	8 855	-	35	152	975	3 026	2 322	1 258	1 087	5.6
<b>PERSONS</b>										
1 person	1 076	14	24	79	206	384	226	76	67	5.1
2 persons	2 605	-	15	72	502	971	623	252	170	5.2
3 persons	1 596	-	-	8	155	646	395	226	166	5.5
4 persons	1 803	-	-	-	51	651	604	308	189	5.8
5 persons	1 085	-	-	5	6	356	286	194	238	6.1
6 persons or more	786	-	-	-	19	122	215	156	274	6.7
Median	3.0	...	...	1.5	2.0	2.8	3.3	3.7	4.3	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
<b>With all plumbing facilities</b>	<b>8 888</b>	<b>14</b>	<b>39</b>	<b>149</b>	<b>929</b>	<b>3 097</b>	<b>2 349</b>	<b>1 207</b>	<b>1 104</b>	<b>5.6</b>
0.50 or less	4 596	-	24	69	698	1 328	1 244	549	684	5.6
0.51 to 1.00	3 991	14	15	80	206	1 647	1 003	636	390	5.5
1.01 to 1.50	286	-	-	-	19	113	102	22	30	5.6
1.51 or more	15	-	-	-	6	9	-	-	-	...
<b>Lacking some or all plumbing facilities</b>	<b>63</b>	<b>-</b>	<b>-</b>	<b>15</b>	<b>10</b>	<b>33</b>	<b>-</b>	<b>5</b>	<b>-</b>	<b>...</b>
0.50 or less	52	-	-	10	10	27	-	5	-	...
0.51 to 1.00	6	-	-	-	-	6	-	-	-	...
1.01 to 1.50	-	-	-	-	-	-	-	-	-	...
1.51 or more	5	-	-	5	-	-	-	-	-	...
<b>BEDROOMS</b>										
None and 1	359	43	45	83	107	42	20	-	19	...
2	2 594	-	-	55	739	1 285	430	85	-	4.9
3	4 417	-	-	-	-	1 832	1 699	676	210	5.7
4 or more	1 650	-	-	-	-	57	282	324	987	7.5+
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	108	-	-	5	21	15	16	9	42	6.3
1960 to 1968	2 126	5	-	20	115	739	586	288	373	5.8
1950 to 1959	2 677	5	-	31	240	1 209	668	310	214	5.4
1949 or earlier	4 040	4	39	108	563	1 167	1 079	605	475	5.6
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	6 839	5	27	140	929	2 801	1 816	748	373	5.3
2 or more	2 027	-	14	12	46	225	506	510	714	6.9
None or also used by another household	102	-	-	18	7	65	5	7	-	...
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b>	<b>8 145</b>	<b>5</b>	<b>7</b>	<b>37</b>	<b>724</b>	<b>2 917</b>	<b>2 234</b>	<b>1 177</b>	<b>1 044</b>	<b>5.7</b>
Less than 1.5	3 153	-	7	10	339	1 178	820	433	366	5.6
1.5 to 1.9	1 998	-	-	6	115	685	602	303	287	5.8
2.0 to 2.9	1 563	-	-	-	81	559	431	239	253	5.8
3.0 or more	1 393	5	-	21	189	476	376	192	134	5.5
Not computed	38	-	-	-	-	19	5	10	4	...
<b>Renter occupied housing units</b>	<b>8 014</b>	<b>695</b>	<b>1 145</b>	<b>1 930</b>	<b>2 044</b>	<b>1 476</b>	<b>504</b>	<b>143</b>	<b>77</b>	<b>3.6</b>
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	7 318	363	1 043	1 717	2 036	1 438	492	152	77	3.8
<b>PERSONS</b>										
1 person	2 799	604	768	819	458	109	24	5	12	2.5
2 persons	2 762	74	354	900	865	452	83	28	6	3.6
3 persons	1 245	11	23	155	468	442	112	34	-	4.4
4 persons	663	6	-	41	186	245	124	34	27	4.9
5 persons	299	-	-	4	67	125	78	20	5	5.1
6 persons or more	246	-	-	11	-	103	83	22	27	5.6
Median	1.9	1.1	1.2	1.7	2.2	2.9	3.8	3.6	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
<b>With all plumbing facilities</b>	<b>7 438</b>	<b>402</b>	<b>1 001</b>	<b>1 837</b>	<b>2 003</b>	<b>1 471</b>	<b>504</b>	<b>143</b>	<b>77</b>	<b>3.7</b>
0.50 or less	3 614	-	634	784	1 299	561	219	67	50	3.8
0.51 to 1.00	3 478	335	344	1 002	644	812	243	76	22	3.6
1.01 to 1.50	253	-	23	41	60	82	42	-	5	4.5
1.51 or more	93	67	-	10	-	16	-	-	-	...
<b>Lacking some or all plumbing facilities</b>	<b>576</b>	<b>293</b>	<b>144</b>	<b>93</b>	<b>41</b>	<b>5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1.5</b>
0.50 or less	193	-	134	35	24	-	-	-	-	2.2
0.51 to 1.00	342	269	10	53	10	-	-	-	-	1.1
1.01 to 1.50	12	-	-	7	-	5	-	-	-	...
1.51 or more	29	24	-	5	-	-	-	-	-	...
<b>BEDROOMS</b>										
None	813	688	104	21	-	-	-	-	-	1.1
1	3 200	-	903	1 835	315	147	-	-	-	2.9
2	2 469	-	-	272	1 452	624	121	-	-	4.2
3 or more	1 477	-	-	-	34	880	408	88	67	5.3
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	167	67	15	30	19	26	10	-	-	2.6
1960 to 1968	2 437	130	298	511	955	408	94	25	16	3.8
1950 to 1959	1 406	32	232	291	254	430	137	25	5	4.1
1949 or earlier	4 004	466	600	1 098	816	612	263	93	56	3.4
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	7 222	397	1 043	1 737	2 010	1 404	447	135	49	3.7
2 or more	212	21	7	-	34	52	45	25	28	5.3
None or also used by another household	580	261	134	126	38	7	6	8	-	1.7
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b>	<b>7 981</b>	<b>695</b>	<b>1 145</b>	<b>1 924</b>	<b>2 040</b>	<b>1 459</b>	<b>498</b>	<b>143</b>	<b>77</b>	<b>3.6</b>
Less than 10 percent	299	71	56	64	58	34	11	5	-	2.9
10 to 14 percent	717	61	84	167	209	131	34	20	11	3.7
15 to 19 percent	1 177	56	142	199	310	312	117	27	14	4.1
20 to 24 percent	956	58	187	188	229	204	75	9	6	3.7
25 to 34 percent	1 176	63	165	340	302	193	86	16	11	3.6
35 percent or more	3 376	322	489	934	891	533	132	45	30	3.4
Not computed	280	64	22	32	41	52	43	21	5	4.0

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.

<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table B-6. Units in Structure for Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Champaign	Owner occupied				Renter occupied							
	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
All occupied housing units	8 951	8 286	484	181	8 014	2 064	842	905	1 334	1 966	883	20
<b>ROOMS</b>												
1 room	14	5	9	-	695	98	9	41	102	190	255	-
2 rooms	39	7	32	-	1 145	47	34	180	240	402	242	-
3 rooms	164	37	91	36	1 930	180	230	342	433	504	226	15
4 rooms	939	735	98	106	2 044	362	336	188	364	672	117	5
5 rooms	3 130	2 965	126	39	1 476	860	148	126	146	159	37	-
6 rooms	2 349	2 263	86	-	504	352	56	28	33	29	6	-
7 rooms	1 212	1 198	14	-	143	94	29	-	10	10	-	-
8 rooms or more	1 104	1 076	28	-	77	71	-	-	6	-	-	-
Median	5.6	5.7	4.6	4.0	3.6	4.9	3.9	3.2	3.3	3.3	2.3	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	8 888	8 247	460	181	7 438	2 039	807	809	1 191	1 805	767	20
0.50 or less	4 596	4 186	315	95	3 614	822	470	426	625	883	372	16
0.51 to 1.00	3 991	3 776	140	75	3 478	1 049	310	354	526	688	347	4
1.01 to 1.50	286	270	5	11	253	135	23	29	36	25	5	-
1.51 or more	15	15	-	-	93	33	4	4	9	4	43	-
Lacking some or all plumbing facilities	63	39	24	-	576	23	33	96	143	161	116	-
0.50 or less	52	33	19	-	193	14	18	53	55	38	15	-
0.51 to 1.00	6	6	-	-	342	11	10	27	85	108	101	-
1.01 to 1.50	-	-	-	-	12	-	7	5	-	-	-	-
1.51 or more	5	-	5	-	29	-	-	11	3	15	-	-
<b>BEDROOMS</b>												
None	65	43	22	-	813	21	-	64	130	281	317	-
1	294	104	169	21	3 200	208	486	547	733	798	407	21
2	2 594	2 209	285	100	2 469	602	401	255	391	707	113	-
3	4 417	4 340	40	37	1 283	896	26	62	97	137	65	-
4 or more	1 650	1 613	37	-	194	157	19	-	-	18	-	-
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	108	82	-	26	167	5	12	-	10	74	66	-
1965 to 1968	920	836	22	62	1 281	80	42	36	207	592	319	5
1960 to 1964	1 206	1 129	21	56	1 156	242	35	63	226	457	122	11
1950 to 1959	2 477	2 610	35	32	1 406	609	126	54	166	381	66	4
1940 to 1949	1 087	1 047	40	-	971	330	174	156	159	129	23	-
1939 or earlier	2 953	2 582	366	5	3 033	798	453	596	566	333	287	-
<b>INCOME IN 1969</b>												
Less than \$2,000	501	372	113	16	1 907	309	169	195	298	594	342	-
\$2,000 to \$2,999	274	251	18	5	905	147	90	122	165	236	145	-
\$3,000 to \$3,999	301	261	29	11	766	131	60	133	126	209	103	4
\$4,000 to \$4,999	331	232	29	6	641	139	75	50	104	191	51	11
\$5,000 to \$5,999	331	312	15	4	578	155	55	62	109	130	67	-
\$6,000 to \$6,999	308	256	29	23	473	126	61	79	95	90	22	-
\$7,000 to \$9,999	1 194	1 089	58	47	1 115	332	131	166	188	228	50	-
\$10,000 to \$14,999	2 863	2 703	101	59	1 189	498	140	71	176	206	93	5
\$15,000 to \$24,999	2 093	2 020	63	10	370	175	46	16	61	62	10	-
\$25,000 or more	819	790	29	-	70	12	15	11	12	20	-	-
Median	\$12 300	\$12 500	\$7 500	\$8 600	\$4 700	\$7 000	\$5 500	\$4 100	\$4 800	\$3 700	\$2 700	...
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	1 016	922	54	40	4 774	1 125	490	474	795	1 334	537	19
1968	868	785	46	37	1 234	341	95	152	205	313	128	-
1967	578	545	13	20	805	268	77	76	156	89	139	-
1965 and 1966	1 161	1 084	35	42	514	163	65	68	101	71	46	-
1960 to 1964	1 695	1 580	94	21	400	156	43	80	11	89	21	-
1950 to 1959	2 123	2 006	103	14	150	29	43	15	35	28	-	-
1949 or earlier	1 527	1 402	116	7	137	56	7	12	33	16	13	-
<b>GROSS RENT</b>												
Specified renter occupied <sup>1</sup>	...	...	...	...	7 981	2 031	842	905	1 334	1 966	883	20
Less than \$50	...	...	...	...	280	57	12	26	30	28	127	-
\$50 to \$59	...	...	...	...	245	38	21	30	35	73	48	-
\$60 to \$69	...	...	...	...	302	38	20	44	89	83	28	-
\$70 to \$79	...	...	...	...	324	35	65	85	65	41	33	-
\$80 to \$99	...	...	...	...	615	130	118	148	201	161	46	11
\$100 to \$119	...	...	...	...	1 117	192	123	227	215	234	121	5
\$120 to \$149	...	...	...	...	1 763	361	256	180	268	436	238	4
\$150 to \$199	...	...	...	...	2 078	829	143	107	318	528	153	-
\$200 to \$299	...	...	...	...	883	216	59	48	107	382	71	-
\$300 or more	...	...	...	...	19	19	-	-	-	-	-	-
No cash rent	...	...	...	...	153	96	25	10	6	-	18	-
Median	...	...	...	...	\$134	\$156	\$126	\$110	\$123	\$145	\$124	...
<b>HEATING EQUIPMENT</b>												
Steam or hot water	1 060	877	183	-	2 108	155	191	333	516	531	382	-
Warm-air furnace	7 334	6 893	271	170	4 570	1 574	562	471	704	970	274	15
Built-in electric units	48	42	-	6	455	40	11	26	37	136	205	-
Floor, wall, or pipeless furnace	238	225	13	-	252	89	27	15	24	97	-	-
Other means	271	249	17	5	629	206	51	60	53	232	22	5
None	-	-	-	-	-	-	-	-	-	-	-	-
<b>AIR CONDITIONING</b>												
Room unit(s)	4 101	3 782	234	85	2 892	803	310	206	458	745	370	-
Central system	2 178	2 098	62	18	1 456	155	37	73	303	677	211	-
None	2 689	2 444	167	78	3 666	1 180	473	598	575	516	303	19
<b>AUTOMOBILES AVAILABLE</b>												
1	4 108	3 771	211	126	4 561	1 271	442	626	735	1 080	388	19
2	3 681	3 513	127	41	1 139	423	150	79	203	236	48	-
3 or more	621	614	7	-	380	74	21	6	74	179	26	-
None	558	426	118	14	1 934	370	207	166	324	445	422	-

<sup>1</sup>Excludes one-family homes on 10 acres or more.

Table B-7. Household Composition for Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Champaign	Total	Two-or-more-person households								One-person households		
		Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years	65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
<b>Owner occupied housing units</b>	8 951	211	1 443	1 666	2 861	862	172	38	456	166	518	558
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>	8 888	211	1 443	1 666	2 846	843	172	38	446	166	507	550
With all plumbing facilities	4 596	85	353	303	1 520	742	116	21	274	138	498	545
0.50 or less	3 991	125	1 046	1 210	1 246	92	46	17	167	28	9	5
0.51 to 1.00	286	--	38	153	75	5	10	--	5	--	--	--
1.01 to 1.50	15	--	6	--	5	4	--	--	--	--	--	--
1.51 or more	63	--	--	--	15	19	--	10	--	--	11	8
Lacking some or all plumbing facilities	52	--	--	--	--	19	--	4	--	--	11	8
0.50 or less	6	--	--	--	--	--	--	6	--	--	--	--
0.51 to 1.00	--	--	--	--	--	--	--	--	--	--	--	--
1.01 to 1.50	--	--	--	--	5	--	--	--	--	--	--	--
1.51 or more	5	--	--	--	--	--	--	--	--	--	--	--
<b>UNITS IN STRUCTURE</b>	8 286	165	1 373	1 639	2 732	783	155	38	405	132	398	466
1	484	21	29	22	87	74	5	--	30	29	100	87
2 or more	181	25	41	5	42	5	12	--	21	5	20	5
Mobile home or trailer												
<b>INCOME IN 1969</b>												
Less than \$2,000	501	--	25	9	23	49	18	11	71	33	67	195
\$2,000 to \$2,999	274	10	14	4	26	55	6	--	39	21	18	81
\$3,000 to \$3,999	301	10	10	10	30	64	15	--	34	22	41	65
\$4,000 to \$4,999	267	6	14	--	40	85	5	--	27	9	50	31
\$5,000 to \$5,999	331	5	14	15	53	67	9	--	52	15	50	31
\$6,000 to \$6,999	308	5	30	34	57	47	16	--	41	5	44	29
\$7,000 to \$9,999	1 194	108	278	133	312	139	9	15	88	15	68	29
\$10,000 to \$14,999	2 863	51	719	720	943	132	51	6	57	17	123	29
\$15,000 to \$24,999	2 093	10	258	574	943	146	33	--	23	24	53	29
\$25,000 or more	819	6	81	167	434	78	10	6	24	5	4	4
Median	\$12 300	\$8 900	\$12 300	\$14 400	\$14 700	\$8 400	\$10 800	...	\$6 100	\$4 800	\$6 800	\$3 000
<b>VALUE-INCOME RATIO</b>												
Specified owner occupied <sup>1</sup>	8 145	165	1 373	1 627	2 673	759	144	38	387	132	381	466
Less than 1.5	3 153	57	444	755	1 416	208	41	12	82	24	95	19
1.5 to 1.9	1 998	35	506	524	606	134	38	6	53	9	48	39
2.0 to 2.4	1 053	35	245	216	293	72	15	15	43	10	79	30
2.5 to 2.9	510	17	69	74	122	98	9	--	42	11	28	40
3.0 to 3.9	533	5	71	34	115	103	20	--	51	28	45	61
4.0 or more	860	16	33	24	121	140	21	5	111	50	72	267
Not computed	38	--	5	--	--	4	--	--	5	--	14	10
<b>Renter occupied housing units</b>	8 014	1 000	1 323	315	381	151	897	21	1 091	36	2 307	492
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>	7 438	989	1 312	315	374	146	853	21	1 042	36	1 926	424
With all plumbing facilities	3 614	286	443	64	160	107	273	8	231	7	1 596	419
0.50 or less	3 478	675	783	202	155	39	548	13	699	29	330	5
0.51 to 1.00	253	16	78	43	29	--	11	--	76	--	--	--
1.01 to 1.50	93	12	8	6	10	--	21	--	36	--	--	--
1.51 or more	476	11	11	--	7	5	44	--	49	--	381	68
Lacking some or all plumbing facilities	193	--	6	--	--	--	7	--	--	--	164	16
0.50 or less	342	11	5	--	--	--	26	--	31	--	217	52
0.51 to 1.00	12	--	--	--	7	--	5	--	--	--	--	--
1.01 to 1.50	--	--	--	--	--	--	--	--	--	--	--	--
1.51 or more	29	--	--	--	--	--	11	--	18	--	--	--
<b>UNITS IN STRUCTURE</b>	2 064	223	582	205	199	24	119	15	303	--	328	66
1	1 747	229	319	54	86	69	193	--	179	9	490	119
2 to 4	3 300	483	366	50	86	36	515	6	492	27	1 083	156
5 to 19	883	60	56	6	10	22	70	--	113	--	395	151
20 or more	20	5	--	--	--	--	--	--	4	--	11	--
Mobile home or trailer												
<b>GROSS RENT</b>	7 981	996	1 317	305	374	151	897	21	1 091	36	2 307	486
Specified renter occupied <sup>2</sup>												
Less than \$50	260	--	--	--	6	--	5	--	31	--	125	113
\$50 to \$59	245	--	--	--	7	11	40	--	5	--	162	20
\$60 to \$69	302	15	--	--	11	5	10	7	17	--	202	35
\$70 to \$79	324	28	18	--	6	11	13	--	52	10	154	32
\$80 to \$99	815	73	61	21	22	20	48	--	54	--	434	82
\$100 to \$119	1 117	202	153	28	41	26	69	--	138	10	374	76
\$120 to \$149	1 763	364	319	28	69	29	153	--	281	7	480	33
\$150 to \$199	2 078	286	632	137	131	11	256	8	297	4	257	59
\$200 to \$299	883	28	122	61	61	12	303	6	211	5	64	10
\$300 or more	19	--	5	--	5	--	--	--	--	--	--	--
No cash rent	155	--	7	21	15	26	--	--	5	--	55	26
<b>GROSS RENT AS PERCENTAGE OF INCOME BY INCOME</b>												
Specified renter occupied <sup>2</sup>	7 981	996	1 317	305	374	151	897	21	1 091	36	2 307	486
Less than \$5,000	4 208	400	1 174	40	30	67	767	15	815	15	1 473	412
Less than 20 percent	121	--	--	--	--	11	12	--	16	--	78	4
20 to 24 percent	194	--	--	--	7	--	21	--	13	--	116	37
25 to 34 percent	558	57	49	--	13	27	15	--	68	--	223	106
35 percent or more	3 146	343	120	35	10	19	714	15	693	15	961	221
Not computed	189	--	5	5	--	10	5	--	25	--	95	44
\$5,000 to \$9,999	2 158	425	541	112	131	62	89	6	210	--	529	53
Less than 20 percent	691	118	158	10	59	29	26	--	42	--	221	28
20 to 24 percent	595	128	176	33	20	5	21	--	55	--	157	--
25 to 34 percent	597	146	150	48	32	11	17	--	72	--	105	16
35 percent or more	230	33	50	12	15	12	25	6	41	--	91	5
Not computed	45	--	7	9	5	5	--	--	--	--	15	4
\$10,000 to \$14,999	1 175	159	406	114	128	11	41	--	62	10	228	16
Less than 20 percent	957	154	330	76	113	--	30	--	27	10	201	16
20 to 24 percent	167	5	66	26	15	--	5	--	35	--	15	--
25 percent or more	21	--	10	5	--	--	6	--	--	--	--	--
Not computed	30	--	--	7	--	11	--	--	--	--	12	--
\$15,000 or more	440	12	196	39	85	11	--	--	4	11	77	5
Less than 20 percent	424	12	196	39	75	11	--	--	4	11	71	5
20 to 24 percent	--	--	--	--	--	--	--	--	--	--	--	--
25 percent or more	--	--	--	--	--	--	--	--	--	--	--	--
Not computed	16	--	--	--	10	--	--	--	--	--	6	--

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.

<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table B-8. Persons in Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Champaign	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
<b>Owner occupied housing units</b>	<b>6 951</b>	<b>1 076</b>	<b>2 605</b>	<b>1 596</b>	<b>1 803</b>	<b>1 085</b>	<b>396</b>	<b>246</b>	<b>144</b>	<b>3.0</b>
<b>BEDROOMS</b>										
None and 1	359	235	124	—	—	—	—	—	—	...
2	2 594	489	1 321	373	301	86	—	24	—	2.1
3	4 417	364	976	963	1 279	549	190	62	34	3.4
4 or more	1 650	22	289	134	332	415	135	227	96	4.6
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	108	5	16	21	37	23	6	—	—	3.8
1965 to 1968	920	41	140	220	233	182	61	22	21	3.8
1960 to 1964	1 206	45	262	226	325	194	59	49	26	3.7
1950 to 1959	2 677	215	701	490	674	373	135	62	27	3.4
1940 to 1949	1 087	145	411	159	189	107	30	43	3	2.5
1939 or earlier	2 953	625	1 075	480	345	206	105	70	47	2.3
<b>UNITS IN STRUCTURE</b>										
1	8 286	864	2 338	1 502	1 753	1 065	379	241	144	3.1
2 or more	484	187	176	50	40	20	6	5	—	1.8
Mobile home or trailer	181	25	91	44	10	—	11	—	—	2.2
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	6 839	922	2 029	1 318	1 299	781	261	152	77	2.9
2 and 2 1/2	1 788	107	423	308	419	280	116	79	56	3.6
3 or more	239	33	68	48	23	25	29	—	13	2.9
None or also used by another household	102	26	46	10	14	6	—	—	—	...
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b>	<b>7 875</b>	...	<b>2 605</b>	<b>1 596</b>	<b>1 803</b>	<b>1 085</b>	<b>396</b>	<b>246</b>	<b>144</b>	<b>3.3</b>
Male head, wife present, no nonrelatives	7 043	...	2 178	1 362	1 722	1 033	387	223	138	3.5
Under 25 years	211	...	80	64	67	—	—	—	—	2.9
25 to 34 years	1 443	...	177	289	591	290	59	20	17	3.9
35 to 44 years	1 666	...	136	211	504	400	209	135	71	4.5
45 to 64 years	2 861	...	1 064	706	529	334	119	63	46	3.0
65 years and over	862	...	721	92	31	9	—	5	4	2.1
Other male head	210	...	120	40	10	20	9	5	6	2.4
Under 65 years	172	...	93	34	10	20	9	—	6	2.4
65 years and over	38	...	27	6	—	—	—	5	—	...
Female head	622	...	307	194	71	32	—	18	—	2.5
Under 65 years	456	...	178	168	64	32	—	14	—	2.8
65 years and over	166	...	129	26	7	—	—	4	—	2.1
<b>One-person households</b>	<b>1 076</b>	<b>1 076</b>	...	...	...	...	...	...	...	<b>1.0</b>
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b>	<b>6 145</b>	<b>847</b>	<b>2 253</b>	<b>1 481</b>	<b>1 749</b>	<b>1 051</b>	<b>379</b>	<b>241</b>	<b>144</b>	<b>3.2</b>
Less than 1.5	3 153	114	879	635	785	438	138	110	54	3.4
1.5 to 1.9	1 998	87	513	344	505	292	145	62	50	3.6
2.0 to 2.4	1 053	109	245	192	241	159	54	35	18	3.4
2.5 to 2.9	510	68	146	101	83	64	17	26	5	2.9
3.0 to 3.9	533	106	188	125	56	45	5	8	—	2.4
4.0 or more	860	339	278	79	79	48	20	—	17	1.8
Not computed	38	24	4	5	—	5	—	—	—	...
<b>Renter occupied housing units</b>	<b>8 014</b>	<b>2 799</b>	<b>2 762</b>	<b>1 245</b>	<b>663</b>	<b>299</b>	<b>150</b>	<b>59</b>	<b>37</b>	<b>1.9</b>
<b>BEDROOMS</b>										
None	813	688	83	42	—	—	—	—	—	1.1
1	3 200	1 637	1 345	166	52	—	—	—	—	1.5
2	2 469	350	1 052	692	277	80	18	—	—	2.3
3 or more	1 477	52	217	462	264	205	117	80	80	3.5
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	167	61	64	42	—	—	—	—	—	1.9
1965 to 1968	1 281	333	490	282	139	28	9	—	—	2.1
1960 to 1964	1 156	347	390	187	118	67	33	—	14	2.1
1950 to 1959	1 406	330	544	228	151	82	45	21	5	2.2
1940 to 1949	971	323	319	196	53	48	26	—	6	2.0
1939 or earlier	3 033	1 405	955	310	202	74	37	38	12	1.6
<b>UNITS IN STRUCTURE</b>										
1	2 064	394	491	447	324	227	100	48	33	2.8
2	842	258	326	135	85	22	10	6	—	2.0
3 and 4	905	351	362	111	54	5	17	5	—	1.8
5 to 9	1 334	509	564	156	55	37	13	—	—	1.8
10 to 19	1 966	730	778	314	130	—	10	—	4	1.8
20 or more	883	546	232	82	15	8	—	—	—	1.3
Mobile home or trailer	20	11	9	—	—	—	—	—	—	...
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	7 222	2 321	2 662	1 130	656	275	124	36	18	2.0
2 or more	212	51	14	37	46	30	34	—	—	3.6
None or also used by another household	580	412	118	—	23	7	7	13	—	1.2
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b>	<b>5 215</b>	...	<b>2 762</b>	<b>1 245</b>	<b>663</b>	<b>299</b>	<b>150</b>	<b>59</b>	<b>37</b>	<b>2.4</b>
Male head, wife present, no nonrelatives	3 170	...	1 710	696	368	225	123	36	12	2.4
Under 25 years	1 000	...	712	217	53	14	4	—	—	2.2
25 to 34 years	1 323	...	593	366	182	108	63	11	—	2.7
35 to 44 years	315	...	60	56	64	74	30	25	6	4.1
45 to 64 years	381	...	199	57	69	29	21	—	6	2.5
65 years and over	151	...	146	—	—	—	5	—	—	2.0
Other male head	918	...	539	251	116	12	—	—	—	2.4
Under 65 years	897	...	524	251	110	12	—	—	—	2.4
65 years and over	21	...	15	—	6	—	—	—	—	...
Female head	1 127	...	513	298	179	62	27	23	25	2.7
Under 65 years	1 091	...	496	288	174	58	27	23	25	2.7
65 years and over	36	...	17	10	5	4	—	—	—	...
<b>One-person households</b>	<b>2 799</b>	<b>2 799</b>	...	...	...	...	...	...	...	<b>1.0</b>
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b>	<b>7 981</b>	<b>2 793</b>	<b>2 757</b>	<b>1 242</b>	<b>658</b>	<b>291</b>	<b>150</b>	<b>53</b>	<b>37</b>	<b>1.9</b>
Less than 10 percent	299	152	103	29	5	5	5	—	—	1.5
10 to 14 percent	717	200	293	114	55	45	—	10	—	2.0
15 to 19 percent	1 177	272	460	211	118	61	44	11	—	2.2
20 to 24 percent	956	325	324	116	85	63	33	4	6	2.0
25 to 34 percent	1 176	450	377	185	78	50	11	9	16	1.9
35 percent or more	3 376	1 218	1 145	575	293	58	53	19	15	1.9
Not computed	280	176	55	12	24	9	4	—	—	1.3

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.

<sup>2</sup>Excludes one-family homes on 10 acres or more.

**Table B-9. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1970**

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Champaign					Champaign				
	Total	Less than 2 months	2 up to 6 months	6 months or more		Total	Less than 2 months	2 up to 6 months	6 months or more
<b>Vacant for sale</b> .....	75	26	29	20	<b>Vacant for rent</b> .....	256	166	74	16
<b>ROOMS</b>					<b>ROOMS</b>				
1 to 3 rooms .....	4	—	4	—	1 room .....	49	33	13	3
4 rooms .....	19	3	6	10	2 rooms .....	16	3	7	6
5 rooms .....	33	10	16	7	3 rooms .....	54	38	16	—
6 rooms .....	10	10	—	—	4 rooms .....	69	62	7	—
7 rooms or more .....	9	3	3	3	5 rooms .....	27	13	11	3
					6 rooms .....	38	14	20	4
					7 rooms or more .....	3	3	—	—
<b>PLUMBING FACILITIES</b>					<b>PLUMBING FACILITIES</b>				
With all plumbing facilities .....	71	26	25	20	With all plumbing facilities .....	212	132	70	10
Lacking some or all plumbing facilities .....	4	—	4	—	Lacking some or all plumbing facilities .....	44	34	4	6
<b>BEDROOMS</b>					<b>BEDROOMS</b>				
None and 1 .....	—	—	—	—	None .....	15	—	—	15
2 .....	73	15	44	14	1 .....	78	29	49	—
3 .....	15	15	—	—	2 .....	—	15	—	—
4 or more .....	—	—	—	—	3 or more .....	29	—	—	14
<b>YEAR STRUCTURE BUILT</b>					<b>YEAR STRUCTURE BUILT</b>				
1969 to March 1970 .....	—	—	—	—	1969 to March 1970 .....	6	6	—	—
1960 to 1968 .....	13	7	3	3	1960 to 1968 .....	64	54	10	—
1950 to 1959 .....	11	3	5	3	1950 to 1959 .....	24	24	—	—
1949 or earlier .....	51	16	21	14	1949 or earlier .....	162	82	64	16
<b>UNITS IN STRUCTURE</b>					<b>UNITS IN STRUCTURE</b>				
1 .....	61	20	21	20	1 .....	82	38	37	7
2 or more .....	14	6	8	—	2 to 4 .....	58	39	16	3
					5 to 9 .....	33	27	3	3
					10 to 19 .....	57	40	14	3
					20 or more .....	26	22	4	—
<b>HEATING EQUIPMENT</b>					<b>RENT ASKED</b>				
Steam or hot water .....	3	—	—	3	<b>Specified vacant for rent?</b> .....	256	166	74	16
Warm-air furnace .....	59	23	23	13	Less than \$50 .....	41	20	17	4
Built-in electric units .....	—	—	—	—	\$50 to \$59 .....	3	—	—	3
Floor, wall, or pipeless furnace .....	10	3	3	4	\$60 to \$79 .....	44	23	15	6
Other means .....	3	—	3	—	\$80 to \$99 .....	39	39	—	—
None .....	—	—	—	—	\$100 to \$119 .....	16	10	3	3
					\$120 to \$149 .....	74	45	29	—
					\$150 to \$199 .....	30	20	10	—
					\$200 or more .....	9	9	—	—
<b>SALES PRICE ASKED</b>					Median rent asked .....	\$101	\$102	...	...
<b>Specified vacant for sale?</b> .....	61	20	21	20					
Less than \$5,000 .....	—	—	—	—					
\$5,000 to \$9,999 .....	7	—	3	4					
\$10,000 to \$14,999 .....	26	10	7	9					
\$15,000 to \$19,999 .....	22	7	8	7					
\$20,000 to \$24,999 .....	—	—	—	—					
\$25,000 to \$34,999 .....	6	3	3	—					
\$35,000 to \$49,999 .....	—	—	—	—					
\$50,000 or more .....	—	—	—	—					
Median price asked .....	...	...	...	...					

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property. <sup>2</sup>Excludes one-family homes on 10 acres or more.

**Table B-10. Sales Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1970**

[Data based on sample, see text. For meaning of symbols, see text]

Champaign	Sales price asked—Vacant for sale <sup>1</sup>						Rent asked—Vacant for rent <sup>2</sup>						
	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
<b>Total</b> .....	61	7	26	22	—	6	256	44	44	39	90	30	9
<b>PLUMBING FACILITIES</b>													
With all plumbing facilities .....	73	14	30	29	—	—	93	—	19	15	44	15	—
Lacking some or all plumbing facilities .....	—	—	—	—	—	—	29	—	15	14	—	—	—
<b>BEDROOMS</b>													
None and 1 .....	—	—	—	—	—	—	93	—	34	29	15	15	—
2 .....	58	14	30	14	—	—	—	—	—	—	—	—	—
3 .....	15	—	—	15	—	—	29	—	—	—	29	—	—
4 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>YEAR STRUCTURE BUILT</b>													
1969 to March 1970 .....	—	—	—	—	—	—	6	—	3	3	—	—	—
1960 to 1968 .....	13	—	—	10	—	3	64	4	—	18	20	13	9
1950 to 1959 .....	8	—	3	5	—	—	24	—	—	—	13	11	—
1949 or earlier .....	40	7	23	7	—	3	162	40	41	18	57	6	—
<b>UNITS IN STRUCTURE</b>													
1 .....	...	...	...	...	...	...	82	13	12	9	42	6	—
2 to 4 .....	...	...	...	...	...	...	58	6	10	19	14	4	5
5 to 9 .....	...	...	...	...	...	...	90	14	22	11	30	9	4
20 or more .....	...	...	...	...	...	...	26	11	—	—	4	11	—
<b>INCLUSION OF UTILITIES IN RENT</b>													
All utilities included .....	...	...	...	...	...	...	87	29	26	3	26	3	—
Some or no utilities included .....	...	...	...	...	...	...	169	15	18	36	64	27	9

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property. <sup>2</sup>Excludes one-family homes on 10 acres or more.

Table C-1. Value of Owner Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Urban	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
<b>Specified owner occupied<sup>1</sup></b>	<b>3 655</b>	<b>59</b>	<b>68</b>	<b>135</b>	<b>287</b>	<b>510</b>	<b>736</b>	<b>529</b>	<b>750</b>	<b>447</b>	<b>134</b>	<b>20 300</b>
<b>ROOMS</b>												
1 and 2 rooms	13	—	6	—	—	7	—	—	—	—	—	...
3 rooms	44	—	—	8	16	—	—	—	—	—	—	...
4 rooms	384	33	14	58	55	98	101	27	10	—	—	13 300
5 rooms	1 156	16	32	38	167	281	288	163	108	53	10	15 700
6 rooms	952	10	12	12	40	96	240	206	250	66	20	21 600
7 rooms	476	—	4	—	9	10	72	58	183	129	11	29 600
8 rooms or more	628	—	—	19	—	18	35	65	199	199	93	33 900
Median	5.7	...	...	4.5	4.9	5.0	5.4	5.8	6.5	7.3	7.5+	...
<b>PERSONS</b>												
1 person	402	16	24	43	55	86	68	40	40	30	—	14 300
2 persons	1 272	27	14	73	116	166	265	212	207	129	63	19 800
3 persons	653	11	10	19	50	77	121	100	167	85	13	21 900
4 persons	628	5	15	—	29	87	107	110	139	117	19	23 200
5 persons	377	—	—	—	26	37	90	44	103	55	22	24 000
6 persons or more	323	—	5	—	11	57	85	23	94	31	17	20 800
Median	2.7	...	...	1.8	2.3	2.5	2.8	2.6	3.3	3.3	2.8	...
Units with roomers, boarders, or lodgers	159	6	—	8	—	56	30	20	28	11	—	16 700
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b>	<b>3 605</b>	<b>48</b>	<b>63</b>	<b>129</b>	<b>287</b>	<b>510</b>	<b>724</b>	<b>529</b>	<b>741</b>	<b>440</b>	<b>134</b>	<b>20 400</b>
0.50 or less	2 168	38	38	121	176	274	392	321	416	289	103	20 700
0.51 to 1.00	1 317	10	14	8	101	190	305	200	307	151	31	20 800
1.01 to 1.50	92	—	—	—	10	39	17	8	18	—	—	...
1.51 or more	28	—	11	—	—	7	10	—	—	—	—	...
<b>Lacking some or all plumbing facilities</b>	<b>50</b>	<b>11</b>	<b>5</b>	<b>6</b>	<b>—</b>	<b>—</b>	<b>12</b>	<b>—</b>	<b>9</b>	<b>7</b>	<b>—</b>	<b>...</b>
0.50 or less	35	5	—	6	—	—	12	—	5	7	—	...
0.51 to 1.00	11	—	5	—	—	—	—	—	—	—	—	...
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	...
1.51 or more	4	—	—	—	—	—	—	—	4	—	—	...
<b>BEDROOMS</b>												
None and 1	74	19	—	36	—	19	—	—	—	—	—	...
2	1 236	40	86	86	192	252	242	128	115	19	76	14 600
3	1 628	32	—	17	168	146	342	332	339	233	19	21 600
4 or more	831	—	—	—	—	17	75	53	246	260	180	36 400
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	37	—	—	—	—	—	5	—	14	9	9	...
1965 to 1968	174	5	—	5	—	9	25	11	20	75	24	37 400
1960 to 1964	464	—	5	—	10	34	87	83	90	137	20	26 600
1950 to 1959	1 008	4	—	4	53	163	231	151	246	119	37	21 600
1940 to 1949	351	—	10	8	38	80	101	53	47	4	10	17 600
1939 or earlier	1 619	50	53	118	186	224	287	231	333	103	34	18 300
<b>COMPLETE BATHROOMS</b>												
1 and 1 1/2	2 590	27	58	103	266	479	647	461	418	111	20	18 000
2 and 2 1/2	928	—	—	22	—	57	106	71	306	309	57	31 800
3 or more	59	—	—	—	—	—	—	6	19	16	18	...
None or also used by another household	48	13	—	9	5	—	7	—	4	10	—	...
<b>HOUSEHOLD COMPOSITION</b>												
<b>Two-or-more-person households</b>	<b>3 253</b>	<b>43</b>	<b>44</b>	<b>92</b>	<b>232</b>	<b>424</b>	<b>668</b>	<b>489</b>	<b>710</b>	<b>417</b>	<b>134</b>	<b>21 300</b>
Male head, wife present, no nonrelatives	2 886	32	40	66	209	326	623	444	645	383	118	21 700
Under 25 years	20	—	—	—	5	—	5	—	5	—	—	...
25 to 34 years	333	5	—	—	33	68	108	37	72	10	—	17 700
35 to 44 years	740	—	11	12	30	84	119	135	193	131	25	24 200
45 to 64 years	1 342	16	19	38	84	128	298	206	272	209	72	22 100
65 years and over	451	11	10	16	57	46	93	66	103	28	21	19 700
Other male head	110	5	—	13	9	21	5	15	22	10	10	20 700
Under 65 years	83	5	—	9	5	21	5	11	18	4	5	...
65 years and over	27	—	4	4	4	—	—	4	4	6	5	...
Female head	257	6	4	13	14	77	40	30	43	24	6	17 600
Under 65 years	142	—	—	—	—	46	36	25	30	5	—	18 800
65 years and over	115	6	4	13	14	31	4	5	13	19	6	14 200
<b>One-person households</b>	<b>402</b>	<b>16</b>	<b>24</b>	<b>43</b>	<b>55</b>	<b>86</b>	<b>68</b>	<b>40</b>	<b>40</b>	<b>30</b>	<b>—</b>	<b>14 300</b>
Under 65 years	169	9	10	8	27	33	31	10	15	26	—	14 800
65 years and over	233	7	14	35	28	53	37	30	25	4	—	14 000
<b>INCOME IN 1969</b>												
Less than \$2,000	222	32	14	41	29	41	13	9	24	19	—	12 100
\$2,000 to \$2,999	86	—	5	10	19	26	11	7	8	—	—	...
\$3,000 to \$3,999	146	5	10	21	31	43	21	6	4	5	—	12 800
\$4,000 to \$4,999	111	—	5	4	14	15	46	10	5	12	—	17 800
\$5,000 to \$5,999	117	11	—	14	21	21	28	5	17	—	—	14 000
\$6,000 to \$6,999	148	—	—	6	15	41	63	10	4	4	5	15 700
\$7,000 to \$9,999	469	11	25	29	67	106	96	57	47	25	6	14 900
\$10,000 to \$14,999	864	—	9	10	52	157	276	167	136	46	11	18 700
\$15,000 to \$24,999	1 060	—	—	—	39	53	182	206	358	177	45	26 400
\$25,000 or more	432	—	—	—	—	7	—	52	147	159	67	35 900
Median	\$13 100	...	...	\$3 800	\$7 600	\$8 900	\$11 600	\$14 800	\$18 600	\$21 400	\$25 000	...
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	208	—	7	6	6	7	37	37	69	39	—	25 600
1968	260	—	—	—	—	43	58	50	56	47	—	22 300
1967	273	—	—	—	8	30	70	51	60	42	12	22 800
1965 and 1966	321	13	13	5	6	51	55	58	68	39	13	21 500
1960 to 1964	856	12	13	6	46	101	213	91	179	153	42	22 000
1950 to 1959	1 049	—	5	34	107	190	216	166	223	94	14	19 400
1949 or earlier	658	15	20	83	92	114	111	85	92	32	14	15 300
<b>HEATING EQUIPMENT</b>												
Steam or hot water	464	—	—	4	10	15	92	50	113	156	24	30 400
Warm-air furnace	2 923	28	53	98	226	418	593	469	637	291	110	20 500
Built-in electric units	5	—	5	—	—	—	—	—	—	—	—	...
Floor, wall, or pipeless furnace	109	—	6	16	14	48	20	5	—	—	—	13 500
Other means	154	31	4	17	37	29	31	5	—	—	—	11 700
None	—	—	—	—	—	—	—	—	—	—	—	...
<b>AIR CONDITIONING</b>												
Room unit(s)	1 640	8	7	58	80	282	431	252	334	167	21	19 600
Central system	828	8	5	—	6	7	54	142	285	254	67	31 700
None	1 157	24	46	76	185	247	275	144	128	25	7	15 000

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.

Table C-2. Gross Rent of Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Urbana	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$89	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
<b>Specified renter occupied<sup>1</sup></b>	5 133	134	96	179	227	683	1 029	1 270	977	436	26	76	124
<b>ROOMS</b>													
1 room	402	69	70	31	50	122	50	10	--	--	--	--	76
2 rooms	647	15	5	84	71	196	139	56	71	--	5	5	93
3 rooms	1 442	23	6	30	65	258	545	351	111	45	5	8	112
4 rooms	1 564	20	8	24	35	52	203	608	445	164	5	5	142
5 rooms	679	7	--	5	--	27	70	221	212	89	11	37	149
6 rooms	227	--	7	--	6	22	17	24	63	83	--	5	178
7 rooms	114	--	--	5	--	--	5	--	58	34	--	12	185
8 rooms or more	58	--	--	--	--	6	--	--	17	21	5	9	185
Median	3.5	1.5	...	2.2	2.4	2.6	3.1	3.9	4.2	4.6	...	...	...
<b>PERSONS</b>													
1 person	1 508	94	74	116	178	276	286	230	181	38	11	24	100
2 persons	1 880	17	11	37	40	306	469	421	398	144	5	32	123
3 persons	906	23	--	15	5	36	209	289	181	143	5	--	137
4 persons	474	--	--	4	4	32	29	206	128	59	5	11	144
5 persons	198	--	11	5	--	10	12	75	56	24	--	5	143
6 persons or more	167	--	--	6	--	23	24	49	33	28	--	4	137
Median	2.1	1.2	...	1.3	1.1	1.7	2.0	2.5	2.3	2.8	...	...	...
Units with roomers, boarders, or lodgers	383	11	15	5	--	39	38	67	80	117	5	6	158
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
<b>With all plumbing facilities</b>													
0.50 or less	4 882	83	54	126	198	632	1 009	1 265	977	436	26	76	127
0.51 to 1.00	2 109	33	8	70	131	245	354	478	534	179	21	56	132
1.01 to 1.50	2 363	33	42	52	63	283	558	632	418	257	5	20	127
1.51 or more	251	6	--	4	4	33	61	128	15	--	--	--	124
Lacking some or all plumbing facilities	159	11	4	--	--	71	36	27	10	--	--	--	98
0.50 or less	251	51	42	53	29	51	20	5	--	--	--	--	66
0.51 to 1.00	73	9	--	15	20	29	--	--	--	--	--	--	...
1.01 to 1.50	146	42	42	32	9	11	10	--	--	--	--	--	57
1.51 or more	5	--	--	--	--	--	--	5	--	--	--	--	...
27	--	--	--	6	--	11	10	--	--	--	--	--	...
<b>BEDROOMS</b>													
None	513	20	23	49	117	234	47	23	--	--	--	--	84
1	1 804	21	--	114	98	445	617	331	153	25	--	--	107
2	2 307	--	--	--	20	--	208	1 026	670	339	23	21	147
3 or more	528	17	--	19	--	22	23	47	234	140	--	26	176
<b>YEAR STRUCTURE BUILT</b>													
1969 to March 1970	132	--	--	--	--	--	--	--	77	55	--	--	193
1965 to 1968	558	4	--	--	--	10	49	95	233	147	--	--	175
1960 to 1964	732	4	--	--	6	14	157	300	167	84	11	9	139
1950 to 1959	867	24	4	19	26	120	216	297	136	19	--	6	122
1940 to 1949	840	20	35	35	39	212	186	183	83	32	5	10	108
1939 or earlier	2 004	82	57	125	156	327	421	395	281	99	10	51	111
<b>ELEVATOR IN STRUCTURE</b>													
4 floors or more	182	--	--	--	23	115	21	23	--	--	--	--	...
With elevator	182	--	--	--	23	115	21	23	--	--	--	--	...
Walk-up	--	--	--	--	--	--	--	--	--	--	--	--	...
1 to 3 floors	4 970	58	23	182	212	586	874	1 404	1 057	504	23	47	131
<b>COMPLETE BATHROOMS</b>													
1 and 1/2	4 702	65	66	115	182	578	1 042	1 229	945	374	27	79	126
2 or more	102	--	--	--	--	15	7	--	28	47	--	5	...
None or also used by another household	334	86	46	71	45	68	12	--	6	--	--	--	65
<b>INCOME IN 1969</b>													
Less than \$2,000	876	83	44	42	72	123	118	143	118	103	10	20	111
\$2,000 to \$2,999	519	4	14	21	48	117	101	143	57	32	--	16	109
\$3,000 to \$3,999	604	31	22	19	46	99	178	117	67	21	--	4	109
\$4,000 to \$4,999	450	--	4	27	5	110	100	135	45	18	--	6	115
\$5,000 to \$5,999	281	--	7	10	5	47	59	70	72	11	--	--	125
\$6,000 to \$6,999	414	10	--	22	22	29	126	134	54	17	--	--	120
\$7,000 to \$9,999	911	6	5	27	18	87	203	317	168	70	5	5	130
\$10,000 to \$14,999	711	--	--	11	11	49	107	195	234	94	--	10	147
\$15,000 to \$24,999	313	--	--	--	--	22	32	45	139	59	5	11	169
\$25,000 or more	54	--	--	--	--	--	5	5	23	11	6	4	...
Median	\$5 400	\$2 000	...	\$4 300	\$2 900	\$4 000	\$5 300	\$6 500	\$8 300	\$7 700	...	...	...
<b>YEAR MOVED INTO UNIT</b>													
1969 to March 1970	3 096	66	81	128	124	407	657	689	599	331	14	--	124
1968	636	26	7	13	21	68	147	175	121	45	6	7	126
1967	469	7	--	14	11	52	119	156	72	22	--	16	125
1965 and 1966	429	29	7	7	7	48	92	105	98	16	--	7	122
1960 to 1964	264	12	4	14	17	53	27	62	42	7	7	19	117
1950 to 1959	143	11	--	10	34	28	12	23	25	--	--	--	94
1949 or earlier	101	--	--	--	13	5	7	19	22	--	--	--	...
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>													
Less than 10 percent	219	16	5	27	11	43	54	24	33	6	--	--	103
10 to 14 percent	670	16	7	43	34	93	114	157	157	43	6	...	125
15 to 19 percent	793	26	21	16	11	73	175	227	175	64	5	...	130
20 to 24 percent	698	4	15	21	22	94	157	202	148	35	...	...	125
25 to 34 percent	741	4	10	21	29	135	153	202	106	81	...	...	123
35 percent or more	1 819	57	33	46	112	233	355	424	337	207	15	...	125
Not computed	193	11	5	5	8	12	21	34	21	--	--	76	117
<b>AIR CONDITIONING</b>													
Room units	1 971	17	15	24	36	103	415	599	546	204	--	12	139
Central system	334	--	6	--	--	7	--	--	163	110	6	7	185
None	2 833	134	91	162	191	551	639	602	270	107	21	65	108

<sup>1</sup>Excludes one-family homes on 10 acres or more.

Table C-3. Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970

(Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

Urban	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (dollars)
<b>Owner occupied housing units</b>	<b>4 285</b>	<b>275</b>	<b>107</b>	<b>182</b>	<b>138</b>	<b>178</b>	<b>202</b>	<b>599</b>	<b>967</b>	<b>1 158</b>	<b>479</b>	<b>12 400</b>
<b>ROOMS</b>												
1 and 2 rooms	34	15	—	7	—	—	—	12	—	—	—	...
3 rooms	170	33	10	20	4	14	14	43	13	6	13	6 300
4 rooms	635	64	38	28	32	65	76	137	111	71	13	7 300
5 rooms	1 287	78	55	75	50	54	78	218	396	249	34	10 400
6 rooms	1 013	42	—	40	—	26	19	119	240	366	135	14 900
7 rooms or more	1 146	43	4	12	26	19	15	70	207	466	284	18 800
<b>PERSONS</b>												
1 person	631	191	46	70	33	47	55	72	68	31	18	4 300
2 persons	1 542	43	46	101	67	107	117	304	292	308	157	9 900
3 and 4 persons	1 379	33	—	6	16	24	19	180	393	497	211	15 400
5 persons	388	4	10	—	11	—	—	20	115	161	61	16 700
6 persons or more	345	4	5	5	11	—	—	23	99	161	32	16 300
Units with roomers, boarders, or lodgers	177	30	9	33	11	11	16	15	30	18	4	5 500
<b>BEDROOMS</b>												
Less than 3	1 776	199	57	109	37	36	154	427	337	324	96	9 100
3	1 665	51	42	32	53	59	—	108	454	609	257	15 600
4 or more	897	—	—	—	—	18	—	51	127	369	322	21 700
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	66	—	—	11	—	—	—	14	23	9	9	...
1960 to 1968	848	23	—	16	9	20	41	150	219	244	127	13 800
1950 to 1959	1 086	33	11	13	40	49	53	129	307	343	108	13 500
1949 or earlier	2 285	219	96	143	89	109	108	306	418	562	235	10 900
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	328	21	4	27	7	10	12	52	127	38	30	11 200
1968	336	7	—	16	19	7	—	59	80	85	24	11 200
1960 to 1967	1 671	68	20	32	41	108	95	203	397	529	178	13 400
1959 or earlier	1 936	186	81	110	91	84	82	254	380	472	196	11 100
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine	3 276	151	38	69	71	36	97	396	745	1 053	620	15 300
Clothes dryer	2 800	58	—	17	38	—	116	369	599	999	604	17 000
Dishwasher	1 438	—	—	—	—	—	—	80	338	604	416	20 800
Home food freezer	1 524	17	—	—	—	57	78	196	352	595	229	16 000
Owned second home	279	—	—	—	18	—	—	39	18	150	54	—
With air conditioning	2 817	80	41	55	88	92	144	370	650	895	402	14 100
Room unit(s)	1 921	61	41	41	74	60	144	290	484	553	171	12 600
Central system	896	19	—	14	14	32	—	80	164	342	231	18 700
Automobiles available:												
1	2 291	94	71	107	133	159	151	429	502	475	170	10 000
2	1 330	13	4	29	5	19	45	115	403	501	196	15 600
3 or more	255	5	—	—	—	—	5	—	56	132	57	19 700
<b>Renter occupied housing units</b>	<b>5 165</b>	<b>880</b>	<b>530</b>	<b>608</b>	<b>450</b>	<b>281</b>	<b>414</b>	<b>911</b>	<b>720</b>	<b>317</b>	<b>54</b>	<b>5 400</b>
<b>ROOMS</b>												
1 room	402	123	38	112	25	9	18	55	16	6	—	3 400
2 rooms	651	158	86	96	72	49	32	88	48	22	—	3 800
3 rooms	1 456	247	181	170	142	66	170	252	171	52	5	4 900
4 rooms	1 569	192	120	128	161	122	133	331	269	97	16	6 500
5 rooms	688	119	68	61	40	23	53	129	118	54	23	6 600
6 rooms or more	399	41	37	41	10	12	8	56	98	86	10	9 700
<b>PERSONS</b>												
1 person	1 516	432	195	224	135	64	104	134	145	72	11	3 600
2 persons	1 891	238	195	224	158	129	167	411	255	80	34	6 000
3 and 4 persons	1 388	182	119	88	146	65	139	300	252	92	5	6 700
5 persons	198	7	9	36	11	18	4	40	39	34	—	8 100
6 persons or more	172	21	12	36	—	5	—	26	29	39	4	8 400
Units with roomers, boarders, or lodgers	389	159	78	50	17	16	15	26	23	5	—	2 500
<b>BEDROOMS</b>												
None	513	86	74	142	72	—	45	71	23	—	—	3 700
1	1 846	547	75	235	208	174	117	282	165	43	—	4 300
2	332	205	200	270	210	155	228	469	388	159	48	6 600
3 or more	528	81	47	—	94	—	—	116	71	93	26	8 100
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	132	26	5	11	—	12	10	16	26	20	6	7 400
1960 to 1968	1 295	170	90	122	116	84	87	248	251	101	26	6 800
1950 to 1959	876	99	82	59	116	56	69	200	150	45	—	6 400
1949 or earlier	2 862	585	353	416	216	129	248	447	293	151	22	4 400
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	3 102	642	450	374	230	179	242	477	384	105	19	4 400
1968	650	45	61	102	78	33	58	97	100	76	—	6 100
1960 to 1967	1 169	134	60	84	81	70	77	293	219	126	25	7 800
1959 or earlier	244	39	32	28	18	6	37	23	42	19	—	5 800
<b>GROSS RENT AS PERCENTAGE OF INCOME</b> <i>(Specified renter occupied)</i>	<b>5 133</b>	<b>876</b>	<b>519</b>	<b>604</b>	<b>450</b>	<b>281</b>	<b>414</b>	<b>911</b>	<b>711</b>	<b>313</b>	<b>54</b>	<b>5 400</b>
Less than 15 percent	889	6	—	10	—	17	48	145	348	265	50	13 100
15 to 19 percent	793	5	—	38	20	27	52	353	261	37	—	9 200
20 to 24 percent	696	—	14	37	80	52	162	277	76	—	—	7 000
25 to 34 percent	741	10	16	158	187	120	113	121	16	—	—	5 000
35 percent or more	1 819	718	473	357	157	65	39	10	—	—	—	2 400
Not computed	193	137	16	4	6	—	—	5	10	11	4	2000-
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine	1 309	132	92	125	64	26	46	343	291	164	26	8 500
Clothes dryer	934	162	21	71	—	26	—	297	221	110	26	8 900
Dishwasher	383	—	—	25	21	—	—	142	123	—	49	—
Home food freezer	314	49	—	16	41	—	—	25	135	22	26	—
Owned second home	337	111	48	48	—	—	—	23	107	—	—	—
With air conditioning	2 312	314	205	121	168	106	210	443	485	221	39	7 200
Room unit(s)	1 978	257	175	106	168	99	189	387	400	171	26	7 000
Central system	334	57	30	15	—	7	21	56	85	50	13	9 000
Automobiles available:												
1	3 413	377	373	346	324	229	316	695	519	209	25	6 200
2	616	90	46	57	40	8	46	88	151	77	13	7 700
3 or more	127	24	19	27	—	—	—	17	21	13	6	—

<sup>1</sup>Excludes one-family homes on 10 acres or more.

**Table C-4. Plumbing Facilities by Persons Per Room for Owner and Renter Occupied Housing Units: 1970**

[Data based on a sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Urbana	With all plumbing facilities						Lacking some or all plumbing facilities				
	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	
<b>Owner occupied housing units</b>	<b>4 285</b>	<b>4 191</b>	<b>2 587</b>	<b>1 467</b>	<b>98</b>	<b>39</b>	<b>94</b>	<b>69</b>	<b>21</b>	<b>-</b>	<b>4</b>
<b>PERSONS</b>											
1 person	631	583	579	4	-	-	48	42	6	-	-
2 persons	1 542	1 511	1 433	71	-	7	31	27	4	-	-
3 persons	710	704	403	301	-	-	6	-	6	-	-
4 persons	669	664	135	518	5	6	5	-	5	-	-
5 persons	388	384	37	341	6	-	4	-	-	-	-
6 persons or more	345	345	-	232	87	26	-	-	-	-	4
Median	2.5	2.5	2.0	4.2	...	...	...	...	...	...	...
Units with roomers, boarders, or lodgers	177	173	100	57	5	11	4	-	-	-	4
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970	49	49	19	30	-	-	-	-	-	-	-
1965 to 1968	252	252	174	78	-	-	-	-	-	-	-
1960 to 1964	592	585	254	268	56	7	7	7	-	-	-
1950 to 1959	1 115	1 115	620	459	20	16	-	-	-	-	-
1940 to 1949	429	429	242	153	7	27	-	-	-	-	-
1939 or earlier	1 834	1 745	1 193	517	28	7	89	60	25	-	4
<b>INCOME IN 1969</b>											
Less than \$2,000	275	242	221	21	-	-	33	27	6	-	-
\$2,000 to \$2,999	107	103	92	6	5	-	4	-	-	-	-
\$3,000 to \$3,999	182	178	148	18	5	7	4	4	-	-	4
\$4,000 to \$4,999	138	138	101	37	-	-	-	-	-	-	-
\$5,000 to \$5,999	178	171	152	19	-	-	7	7	-	-	-
\$6,000 to \$6,999	202	202	169	28	5	-	-	-	-	-	-
\$7,000 to \$9,999	599	579	383	173	17	6	20	5	15	-	-
\$10,000 to \$14,999	967	953	450	443	39	21	14	14	-	-	-
\$15,000 to \$24,999	1 158	1 153	542	579	27	5	5	5	-	-	-
\$25,000 or more	479	472	329	143	-	-	7	7	-	-	-
Median	\$12 400	\$12 500	\$10 300	\$14 900	...	...	...	...	...	...	...
<b>VALUE-INCOME RATIO</b>											
Specified owner occupied <sup>1</sup>	3 658	3 605	2 168	1 317	92	28	50	35	11	-	-
Less than 1.5	1 459	1 436	674	690	51	21	23	12	11	-	4
1.5 to 1.9	759	759	459	290	10	-	-	-	-	-	-
2.0 to 2.4	427	422	252	159	11	-	5	5	-	-	-
2.5 to 2.9	252	252	169	73	10	-	-	-	-	-	-
3.0 to 3.9	257	250	204	46	-	-	7	7	-	-	-
4.0 or more	445	430	354	59	10	7	15	11	-	-	4
Not computed	56	56	56	-	-	-	-	-	-	-	-
<b>HEATING EQUIPMENT</b>											
Steam or hot water	592	554	306	227	16	5	38	34	4	-	-
Warm-air furnace	3 404	3 365	2 111	1 159	72	23	39	24	11	-	4
Built-in electric units	5	5	-	-	-	5	-	-	-	-	-
Floor, wall, or pipeless furnace	124	118	81	37	-	-	6	6	-	-	-
Other means	160	149	89	44	10	6	11	5	6	-	-
None	-	-	-	-	-	-	-	-	-	-	-
<b>Renter occupied housing units</b>	<b>5 165</b>	<b>4 914</b>	<b>2 122</b>	<b>2 377</b>	<b>256</b>	<b>159</b>	<b>251</b>	<b>73</b>	<b>146</b>	<b>5</b>	<b>27</b>
<b>PERSONS</b>											
1 person	1 516	1 344	1 177	167	-	-	172	68	104	-	-
2 persons	1 891	1 828	856	896	-	-	63	5	37	-	21
3 persons	910	910	74	749	62	25	-	-	-	-	-
4 persons	478	473	10	382	76	5	5	-	5	-	-
5 persons	198	193	5	133	39	16	5	-	-	-	-
6 persons or more	172	166	-	50	79	37	6	-	-	5	-
Median	2.1	2.1	1.4	2.7	4.4	2.6	1.2	...	1.2	...	6
Units with roomers, boarders, or lodgers	389	373	108	234	16	15	16	-	-	-	16
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970	141	141	85	56	-	-	-	-	-	-	-
1965 to 1968	531	531	256	236	31	8	-	-	-	-	-
1960 to 1964	753	753	250	459	28	16	-	-	-	-	-
1950 to 1959	848	841	312	425	67	37	7	-	-	-	-
1940 to 1949	845	801	326	392	27	56	44	18	7	-	-
1939 or earlier	2 047	1 813	936	809	56	12	234	74	134	-	26
<b>INCOME IN 1969</b>											
Less than \$2,000	880	787	393	355	15	24	93	25	63	-	5
\$2,000 to \$2,999	530	496	249	226	12	9	34	8	21	5	-
\$3,000 to \$3,999	608	556	221	244	51	24	52	11	36	-	5
\$4,000 to \$4,999	450	437	186	219	17	15	13	13	-	-	-
\$5,000 to \$5,999	281	276	119	141	5	11	5	5	-	-	-
\$6,000 to \$6,999	414	414	164	223	21	6	5	-	-	-	-
\$7,000 to \$9,999	917	863	319	454	53	37	48	11	20	-	17
\$10,000 to \$14,999	720	714	310	339	54	11	6	-	6	-	-
\$15,000 to \$24,999	317	317	121	162	28	6	-	-	-	-	-
\$25,000 or more	54	54	40	14	-	-	-	-	-	-	-
Median	\$5 400	\$5 700	\$5 100	\$6 000	\$7 400	\$4 400	\$3 000	...	\$2 500	...	...
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>											
Specified renter occupied <sup>2</sup>	5 133	4 882	2 109	2 363	251	159	251	73	146	5	27
Less than 10 percent	219	203	78	97	22	6	16	-	16	-	-
10 to 14 percent	670	632	246	309	66	11	38	16	5	-	17
15 to 19 percent	793	767	289	421	15	42	26	-	26	-	-
20 to 24 percent	698	678	267	345	30	16	20	6	14	-	-
25 to 34 percent	741	712	326	325	25	36	29	18	11	-	-
35 percent or more	1 819	1 708	795	797	68	48	111	28	68	5	10
Not computed	193	182	108	69	5	-	11	5	6	-	-
<b>HEATING EQUIPMENT</b>											
Steam or hot water	1 228	1 164	576	510	24	54	64	18	46	-	-
Warm-air furnace	3 174	3 008	1 229	1 499	200	80	166	45	95	5	21
Built-in electric units	153	148	59	74	-	15	5	5	-	-	-
Floor, wall, or pipeless furnace	236	236	121	105	10	10	-	-	-	-	-
Other means	368	358	137	189	22	10	10	5	5	-	-
None	6	-	-	-	-	-	6	-	-	-	6

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.

<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table C-5. Rooms in Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Urbana	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
<b>Owner occupied housing units</b>	<b>4 285</b>	<b>17</b>	<b>17</b>	<b>170</b>	<b>635</b>	<b>1 287</b>	<b>1 013</b>	<b>498</b>	<b>648</b>	<b>5.5</b>
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	4 155	—	24	134	601	1 268	1 014	497	617	5.5
<b>PERSONS</b>										
1 person	631	10	11	81	166	228	95	26	14	4.7
2 persons	1 542	7	—	75	355	465	364	31	145	5.2
3 persons	710	—	—	5	57	245	173	78	152	5.8
4 persons	669	—	6	5	30	188	194	111	135	6.0
5 persons	388	—	—	4	6	91	100	87	100	6.4
6 persons or more	345	—	—	—	21	70	87	63	102	6.4
Median	2.5	...	...	1.6	1.9	2.4	2.8	3.6	3.6	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
With all plumbing facilities	4 191	11	17	133	618	1 270	1 008	498	636	5.5
0.50 or less	2 587	—	11	52	510	681	627	235	471	5.6
0.51 to 1.00	1 467	4	—	76	81	519	367	255	165	5.6
1.01 to 1.50	98	—	—	5	6	65	14	8	—	...
1.51 or more	39	7	6	—	21	5	—	—	—	...
Lacking some or all plumbing facilities	94	—	—	37	17	17	5	—	12	...
0.50 or less	69	—	—	29	11	12	5	—	12	...
0.51 to 1.00	21	6	—	4	6	5	—	—	—	...
1.01 to 1.50	—	—	—	—	—	—	—	—	—	...
1.51 or more	4	—	—	4	—	—	—	—	—	...
<b>BEDROOMS</b>										
None and 1	204	—	—	112	92	—	—	—	—	...
2	1 572	—	—	37	541	699	221	35	39	4.8
3	1 665	—	—	—	32	669	630	182	152	5.7
4 or more	887	—	—	—	—	—	71	264	552	7.5+
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	66	—	—	5	19	16	5	4	17	...
1960 to 1968	848	—	—	28	161	206	193	112	148	5.7
1950 to 1959	1 086	—	11	40	129	427	283	103	93	5.4
1949 or earlier	2 285	17	6	97	326	638	532	279	390	5.6
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	3 118	9	24	127	545	1 107	783	267	256	5.3
2 or more	1 046	—	—	7	56	161	231	230	361	6.8
None or also used by another household	107	16	—	40	24	5	5	—	17	...
<b>VALUE-INCOME RATIO</b>										
Specified owner occupied <sup>1</sup>	3 655	7	6	44	386	1 156	952	476	628	5.7
Less than 1.5	1 459	—	6	15	138	475	438	174	213	5.7
1.5 to 1.9	759	—	—	6	68	195	202	137	151	6.0
2.0 to 2.9	679	—	—	8	75	188	144	87	177	6.0
3.0 or more	702	7	—	15	89	279	153	72	87	5.4
Not computed	56	—	—	—	16	19	15	6	—	...
<b>Renter occupied housing units</b>	<b>5 165</b>	<b>402</b>	<b>651</b>	<b>1 456</b>	<b>1 569</b>	<b>688</b>	<b>227</b>	<b>114</b>	<b>58</b>	<b>3.5</b>
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	4 747	215	527	1 385	1 513	698	217	126	66	3.7
<b>PERSONS</b>										
1 person	1 516	271	330	501	305	94	6	9	—	2.8
2 persons	1 891	97	259	674	584	187	68	16	6	3.4
3 persons	910	25	62	182	371	196	49	20	5	4.0
4 persons	478	5	—	76	231	89	31	36	10	4.2
5 persons	198	4	—	12	44	74	42	5	17	5.0
6 persons or more	172	—	—	11	34	48	31	28	20	5.4
Median	2.1	1.2	1.5	1.8	2.3	2.8	3.3	3.8	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
With all plumbing facilities	4 914	277	596	1 412	1 542	688	227	114	58	3.6
0.50 or less	2 122	—	292	477	878	281	123	45	26	3.8
0.51 to 1.00	2 377	167	242	836	597	359	80	64	32	3.4
1.01 to 1.50	256	—	62	76	51	43	24	—	—	3.4
1.51 or more	159	110	—	23	16	5	—	—	—	1.2
Lacking some or all plumbing facilities	251	—	55	44	27	—	—	—	—	1.5
0.50 or less	73	—	38	24	11	—	—	—	—	...
0.51 to 1.00	146	104	17	20	5	—	—	—	—	1.2
1.01 to 1.50	5	—	—	—	5	—	—	—	—	...
1.51 or more	27	21	—	—	6	—	—	—	—	...
<b>BEDROOMS</b>										
None	513	415	75	23	—	—	—	—	—	1.1
1	1 846	—	599	1 004	220	23	—	—	—	2.8
2	2 332	—	—	335	1 522	379	71	25	—	4.0
3 or more	528	—	—	—	—	194	234	74	26	5.8
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	132	—	23	40	43	26	—	—	—	3.6
1960 to 1968	1 295	24	124	345	661	101	26	5	9	3.7
1950 to 1959	876	34	111	185	352	138	40	16	—	3.8
1949 or earlier	2 862	344	393	886	513	423	161	93	49	3.3
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	4 729	241	541	1 406	1 486	690	211	120	34	3.6
2 or more	102	—	7	9	27	8	6	13	32	...
None or also used by another household	334	149	93	63	23	6	—	—	—	1.7
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
Specified renter occupied <sup>2</sup>	5 133	402	647	1 442	1 564	679	227	114	58	3.5
Less than 10 percent	219	28	22	54	55	38	22	—	—	3.6
10 to 14 percent	670	35	79	212	201	69	39	26	9	3.5
15 to 19 percent	793	58	81	223	253	114	27	26	11	3.6
20 to 24 percent	698	73	86	178	226	84	41	10	—	3.6
25 to 34 percent	741	47	90	208	280	70	40	—	6	3.6
35 percent or more	1 819	149	269	518	515	257	53	35	23	3.4
Not computed	193	12	20	49	34	47	5	17	9	4.0

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.

<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table C-6. Units in Structure for Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Urbana	Owner occupied				Renter occupied							
	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
All occupied housing units	4 285	3 770	275	240	5 165	1 182	644	824	880	1 066	528	41
<b>ROOMS</b>												
1 room	17	11	6	-	402	20	6	51	134	77	114	-
2 rooms	17	6	-	11	651	32	25	134	179	190	91	-
3 rooms	170	44	71	55	1 456	129	202	364	276	358	110	17
4 rooms	635	406	86	143	1 569	308	272	210	208	376	171	24
5 rooms	1 287	1 199	57	31	688	385	100	29	78	65	31	-
6 rooms	1 013	981	32	-	227	165	29	22	-	-	11	-
7 rooms	498	485	13	-	114	85	10	14	5	-	-	-
8 rooms or more	648	638	10	-	58	58	-	-	-	-	-	-
Median	5.5	5.7	4.2	3.9	3.5	4.8	3.8	3.1	3.0	3.2	3.0	-
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	4 191	3 720	231	240	4 914	1 182	629	731	778	1 031	522	41
0.50 or less	2 567	2 254	168	165	2 122	469	324	359	367	371	208	24
0.51 to 1.00	1 467	1 341	57	69	2 377	594	294	320	347	565	240	17
1.01 to 1.50	98	92	6	6	256	83	11	37	44	71	10	-
1.51 or more	39	33	-	-	159	36	-	15	20	24	64	-
Lacking some or all plumbing facilities	94	50	44	-	251	-	15	93	102	35	6	-
0.50 or less	69	35	34	-	73	-	10	34	25	4	-	-
0.51 to 1.00	21	-	10	-	146	-	-	53	67	20	6	-
1.01 to 1.50	-	-	-	-	5	-	5	-	-	-	-	-
1.51 or more	4	4	-	-	27	-	-	6	10	11	-	-
<b>BEDROOMS</b>												
None	-	-	-	-	513	23	-	76	162	91	161	-
1	204	74	95	35	1 846	167	270	462	499	358	90	-
2	1 572	1 330	74	168	2 332	575	278	315	268	635	238	23
3	1 665	1 628	15	22	455	346	42	28	17	-	22	-
4 or more	887	848	39	-	73	73	-	-	-	-	-	-
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	66	37	5	24	132	-	10	6	31	63	22	-
1965 to 1968	279	190	16	73	558	44	41	15	34	209	199	16
1960 to 1964	569	470	10	89	737	71	62	73	62	392	61	16
1950 to 1959	1 086	1 018	19	49	876	308	96	152	110	155	46	9
1940 to 1949	398	361	37	-	844	238	115	170	126	52	143	-
1939 or earlier	1 887	1 694	188	5	2 018	521	320	408	517	195	57	-
<b>INCOME IN 1969</b>												
Less than \$2,000	275	226	38	11	880	136	61	144	237	196	106	-
\$2,000 to \$2,999	107	86	17	4	530	114	69	107	84	98	47	11
\$3,000 to \$3,999	182	150	18	14	608	110	83	103	102	130	59	21
\$4,000 to \$4,999	138	121	13	4	450	70	66	76	87	108	37	6
\$5,000 to \$5,999	178	121	31	26	281	47	32	48	64	63	27	-
\$6,000 to \$6,999	202	152	21	29	414	88	62	79	69	110	6	-
\$7,000 to \$9,999	599	478	18	103	911	260	122	134	126	177	92	-
\$10,000 to \$14,999	597	891	48	28	720	223	100	106	72	147	69	3
\$15,000 to \$24,999	1 158	1 095	42	21	317	119	44	27	33	31	63	-
\$25,000 or more	479	450	29	-	54	15	5	-	6	6	22	-
Median	\$12 400	\$13 100	\$7 000	\$7 900	\$5 400	\$7 300	\$6 200	\$4 800	\$4 200	\$5 000	\$5 600	-
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	328	229	53	46	3 102	619	315	544	580	702	309	33
1968	336	260	6	70	650	160	161	55	68	130	68	8
1967	349	291	13	45	476	168	58	42	37	111	49	11
1965 and 1966	375	321	23	31	429	125	55	67	65	54	63	-
1960 to 1964	947	868	61	28	264	78	29	47	53	26	31	-
1950 to 1959	1 130	1 065	49	16	137	23	40	35	29	10	-	-
1949 or earlier	806	707	99	-	107	47	7	13	20	20	-	-
<b>GROSS RENT</b>												
Specified renter occupied <sup>1</sup>	...	...	...	...	5 133	1 150	644	824	880	1 066	528	41
Less than \$50	...	...	...	...	134	25	-	23	70	6	10	-
\$50 to \$59	...	...	...	...	96	17	6	15	46	12	-	-
\$60 to \$69	...	...	...	...	179	9	27	66	57	10	10	-
\$70 to \$79	...	...	...	...	227	22	15	84	59	31	10	6
\$80 to \$89	...	...	...	...	683	44	91	174	136	78	154	6
\$100 to \$119	...	...	...	...	1 029	195	156	220	179	211	58	10
\$120 to \$149	...	...	...	...	1 270	292	162	189	200	341	67	19
\$150 to \$199	...	...	...	...	977	328	126	40	103	258	122	-
\$200 to \$299	...	...	...	...	436	143	55	13	25	119	81	-
\$300 or more	...	...	...	...	24	10	-	-	5	-	11	-
No cash rent	...	...	...	...	76	65	6	-	-	-	5	-
Median	...	...	...	...	\$124	\$144	\$124	\$105	\$108	\$136	\$129	-
<b>HEATING EQUIPMENT</b>												
Steam or hot water	592	489	103	-	1 228	136	85	145	326	228	308	-
Warm-air furnace	3 404	3 013	166	225	3 174	767	484	597	452	673	171	30
Built-in electric units	5	5	-	-	153	10	-	14	39	61	29	-
Floor, wall, or pipeless furnace	124	109	-	15	236	112	35	27	16	25	10	11
Other means	160	154	6	-	368	157	40	35	47	79	10	-
None	-	-	-	-	6	-	-	6	-	-	-	-
<b>AIR CONDITIONING</b>												
Room unit(s)	1 921	1 684	96	141	1 978	384	239	250	277	530	289	9
Central system	896	856	25	15	334	24	73	-	39	136	62	-
None	1 454	1 201	173	80	2 853	812	353	553	536	387	169	43
<b>AUTOMOBILES AVAILABLE</b>												
1	2 291	1 988	131	172	3 413	706	471	553	560	776	310	37
2	1 330	1 244	47	39	616	259	91	34	42	138	45	7
3 or more	255	249	6	-	127	55	6	10	12	-	36	8
None	395	260	110	25	1 009	200	97	206	238	139	129	-

<sup>1</sup>Excludes one-family homes on 10 acres or more.

Table C-7. Household Composition for Owner and Renter Occupied Housing Units: 1970

(Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

Urbana	Two-or-more-person households										One-person households	
	Total	Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years	65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
<b>Owner occupied housing units</b>	<b>4 285</b>	<b>93</b>	<b>405</b>	<b>780</b>	<b>1 446</b>	<b>499</b>	<b>105</b>	<b>31</b>	<b>154</b>	<b>141</b>	<b>280</b>	<b>351</b>
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	4 191	93	405	780	1 418	489	105	31	150	137	274	309
0.50 or less	2 587	59	126	164	924	442	58	23	87	125	270	309
0.51 to 1.00	1 467	34	245	554	466	47	47	8	57	5	4	—
1.01 to 1.50	98	—	28	40	24	—	—	—	6	—	—	—
1.51 or more	39	—	6	22	4	—	—	—	—	—	—	—
Lacking some or all plumbing facilities	94	—	—	—	28	10	—	—	4	4	6	42
0.50 or less	69	—	—	—	22	5	—	—	—	—	6	42
0.51 to 1.00	21	—	—	—	6	5	—	—	—	—	6	—
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	4	—	—	—	—	—	—	—	—	—	—	—
<b>UNITS IN STRUCTURE</b>												
1	3 770	20	337	755	1 391	465	88	27	142	115	193	237
2 or more	275	5	19	10	32	30	5	—	12	21	36	101
Mobile home or trailer	240	68	49	15	23	4	12	—	—	5	51	13
<b>INCOME IN 1969</b>												
Less than \$2,000	275	—	5	4	17	10	14	—	9	25	51	140
\$2,000 to \$2,999	107	—	5	—	11	32	4	—	—	5	25	21
\$3,000 to \$3,999	182	14	—	—	10	38	18	4	4	—	20	50
\$4,000 to \$4,999	138	4	—	10	10	42	6	—	21	7	14	19
\$5,000 to \$5,999	178	4	10	—	47	48	9	—	13	12	28	19
\$6,000 to \$6,999	202	17	8	—	43	13	9	—	27	16	19	36
\$7,000 to \$9,999	599	45	84	63	139	102	23	10	37	24	59	13
\$10,000 to \$14,999	967	9	197	235	358	50	21	—	18	11	33	35
\$15,000 to \$24,999	1 158	—	74	361	537	108	5	—	25	13	31	—
\$25,000 or more	479	—	17	98	274	56	—	—	8	—	—	18
Median	\$12 400	...	\$12 200	\$16 900	\$16 600	\$9 000	\$6 600	...	\$7 900	\$5 500	\$6 100	\$3 300
<b>VALUE-INCOME RATIO</b>												
Specified owner occupied <sup>1</sup>	3 655	20	333	740	1 342	451	83	27	142	115	169	233
Less than 1.5	1 459	5	148	354	722	143	16	12	22	9	18	10
1.5 to 1.9	759	—	105	179	318	75	10	—	5	—	8	8
2.0 to 2.4	427	5	30	130	159	42	—	—	12	13	15	21
2.5 to 2.9	252	—	30	36	74	63	4	—	16	11	18	—
3.0 to 3.9	257	—	5	23	26	52	28	4	31	15	17	56
4.0 or more	445	10	15	18	43	76	20	11	28	62	52	110
Not computed	56	—	—	—	—	—	5	—	5	—	18	28
<b>Renter occupied housing units</b>	<b>5 165</b>	<b>797</b>	<b>1 286</b>	<b>261</b>	<b>187</b>	<b>59</b>	<b>420</b>	<b>17</b>	<b>617</b>	<b>5</b>	<b>1 275</b>	<b>241</b>
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	4 914	770	1 281	250	187	54	404	17	602	5	1 121	223
0.50 or less	2 122	168	275	40	68	43	165	5	176	5	960	217
0.51 to 1.00	2 377	564	822	164	87	11	202	6	354	—	161	6
1.01 to 1.50	256	38	99	31	21	—	18	6	43	—	—	—
1.51 or more	159	—	85	15	11	—	19	—	29	—	—	—
Lacking some or all plumbing facilities	251	27	5	11	—	5	16	—	15	—	154	18
0.50 or less	73	5	—	—	—	—	—	—	—	—	50	18
0.51 to 1.00	146	22	—	5	—	—	—	—	—	—	104	—
1.01 to 1.50	5	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	27	—	5	6	—	—	16	—	—	—	—	—
<b>UNITS IN STRUCTURE</b>												
1	1 182	135	364	118	97	14	130	11	166	—	116	31
2 to 4	1 468	238	313	50	58	11	88	6	183	—	414	107
5 to 19	1 946	351	468	61	10	29	155	—	204	5	588	75
20 or more	528	70	141	32	22	5	36	—	53	—	141	28
Mobile home or trailer	41	3	—	—	—	—	11	—	11	—	16	—
<b>GROSS RENT</b>												
Specified renter occupied <sup>2</sup>	5 133	797	1 282	257	182	54	420	17	611	5	1 267	241
Less than \$50	134	6	6	—	10	—	5	—	13	—	67	27
\$50 to \$59	96	—	7	—	—	—	9	—	6	—	70	4
\$60 to \$69	179	11	15	—	—	—	5	—	22	—	103	13
\$70 to \$79	227	9	11	—	—	—	5	—	18	—	158	20
\$80 to \$99	683	140	90	15	27	—	50	—	85	—	236	40
\$100 to \$119	1 029	228	291	43	16	5	63	—	97	—	267	19
\$120 to \$149	1 270	246	458	54	42	10	81	6	143	5	189	41
\$150 to \$199	977	124	318	61	41	22	117	6	102	5	136	45
\$200 to \$299	436	33	91	53	32	—	74	—	115	—	24	14
\$300 or more	26	—	—	—	5	—	5	—	5	—	5	6
No cash rent	76	—	5	16	9	6	6	5	5	—	12	12
<b>GROSS RENT AS PERCENTAGE OF INCOME BY INCOME</b>												
Specified renter occupied <sup>2</sup>	5 133	797	1 282	257	182	54	420	17	611	5	1 267	241
Less than \$5,000	2 449	435	219	38	11	22	266	11	469	—	841	137
Less than 20 percent	79	6	—	—	—	—	5	—	—	—	53	15
20 to 24 percent	131	11	5	—	—	—	11	—	16	—	75	8
25 to 34 percent	371	110	61	9	5	—	4	—	49	—	122	11
35 percent or more	1 705	308	153	24	6	16	208	6	378	—	515	91
Not computed	163	—	—	—	—	—	6	—	26	—	76	12
\$5,000 to \$9,999	1 606	288	480	77	45	6	96	—	107	—	230	72
Less than 20 percent	642	94	254	39	25	—	43	—	23	—	133	31
20 to 24 percent	491	99	224	24	15	—	25	—	27	—	53	19
25 to 34 percent	354	71	174	14	5	—	11	—	41	—	23	15
35 percent or more	114	24	23	—	—	6	17	—	16	—	21	7
Not computed	5	—	—	—	—	—	—	—	—	—	—	—
\$10,000 to \$14,999	711	53	303	68	64	15	34	—	29	—	123	22
Less than 20 percent	609	53	274	48	53	10	23	—	24	—	113	11
20 to 24 percent	76	—	29	10	—	5	11	—	5	—	10	6
25 percent or more	16	—	—	5	6	—	—	—	—	—	—	—
Not computed	10	—	—	—	—	—	—	—	—	—	—	—
\$15,000 or more	367	21	80	74	62	11	24	6	6	—	73	10
Less than 20 percent	352	21	80	63	58	11	24	6	6	—	73	10
20 to 24 percent	—	—	—	—	—	—	—	—	—	—	—	—
25 percent or more	—	—	—	—	—	—	—	—	—	—	—	—
Not computed	15	—	—	11	4	—	—	—	—	—	—	—

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.

<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table C-8. Persons in Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Urban	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
<b>Owner occupied housing units</b>	<b>4 285</b>	<b>637</b>	<b>1 542</b>	<b>710</b>	<b>669</b>	<b>388</b>	<b>233</b>	<b>99</b>	<b>13</b>	<b>2.3</b>
<b>BEDROOMS</b>										
None and 1	204	111	93	-	-	-	-	-	-	...
2	1 572	382	779	258	120	33	-	-	-	2.0
3	1 665	145	534	365	383	102	94	42	-	2.9
4 or more	887	17	127	172	217	204	74	57	19	4.1
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	66	6	28	10	6	16	-	-	-	...
1965 to 1968	279	44	64	64	64	22	17	4	-	3.6
1960 to 1964	569	32	164	111	102	72	51	28	9	3.3
1950 to 1959	1 086	99	414	176	211	111	56	19	-	2.7
1940 to 1949	398	59	164	57	52	28	23	15	-	2.4
1939 or earlier	1 887	391	708	292	234	139	86	33	4	2.3
<b>UNITS IN STRUCTURE</b>										
1	3 770	430	1 324	662	638	388	222	93	13	2.7
2 or more	275	137	84	18	25	5	5	6	-	1.5
Mobile home or trailer	240	64	134	30	6	-	6	-	-	1.9
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	3 118	508	1 214	493	411	233	166	81	12	2.4
2 and 2 1/2	976	42	241	214	217	135	101	26	-	3.5
3 or more	70	12	12	6	12	16	6	6	-	...
None or also used by another household	107	54	41	8	-	4	-	-	-	...
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b>	<b>3 654</b>		<b>1 542</b>	<b>710</b>	<b>669</b>	<b>388</b>	<b>233</b>	<b>99</b>	<b>13</b>	<b>2.9</b>
Male head, wife present, no nonrelatives	3 223	...	1 277	659	614	358	209	93	13	3.0
Under 25 years	93	...	77	10	6	-	-	-	-	...
25 to 34 years	405	...	63	116	123	49	30	24	-	3.7
35 to 44 years	780	...	61	76	269	208	110	47	9	4.4
45 to 64 years	1 446	...	654	400	205	97	64	22	4	2.7
65 years and over	499	...	422	57	11	4	5	-	-	2.1
Other male head	136	...	76	18	33	4	5	-	-	2.4
Under 65 years	105	...	57	18	21	4	5	-	-	2.4
65 years and over	31	...	19	-	12	-	-	-	-	...
Female head	295	...	189	33	22	26	19	6	-	2.3
Under 65 years	154	...	74	13	22	20	19	6	-	2.7
65 years and over	141	...	115	20	-	6	-	-	-	2.1
<b>One-person households</b>	<b>631</b>	<b>631</b>								<b>1.0</b>
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b>	<b>3 653</b>	<b>402</b>	<b>1 272</b>	<b>653</b>	<b>628</b>	<b>377</b>	<b>222</b>	<b>88</b>	<b>13</b>	<b>2.7</b>
Less than 1.5	1 459	28	436	353	266	210	121	40	5	3.3
1.5 to 1.9	759	39	285	120	188	60	38	25	4	3.0
2.0 to 2.4	427	36	139	77	91	42	42	-	-	3.0
2.5 to 2.9	252	18	112	46	25	37	-	10	4	2.5
3.0 to 3.9	257	73	109	33	28	14	-	-	-	2.8
4.0 or more	445	162	186	19	30	14	21	13	-	1.8
Not computed	56	46	5	5	-	-	-	-	-	...
<b>Renter occupied housing units</b>	<b>5 165</b>	<b>1 516</b>	<b>1 891</b>	<b>910</b>	<b>478</b>	<b>198</b>	<b>80</b>	<b>70</b>	<b>22</b>	<b>2.1</b>
<b>BEDROOMS</b>										
None	513	283	185	22	23	-	-	-	-	1.4
1	1 846	780	863	175	28	-	-	-	-	1.7
2	2 332	443	577	708	342	183	25	54	-	2.7
3 or more	528	-	99	132	114	109	26	48	-	3.8
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	132	32	71	29	-	-	-	-	-	2.0
1965 to 1968	558	102	250	129	45	28	-	4	-	2.2
1960 to 1964	737	136	253	197	99	36	-	-	-	2.4
1950 to 1959	876	176	305	202	122	29	10	6	-	2.4
1940 to 1949	844	327	260	122	74	25	17	14	11	1.9
1939 or earlier	2 018	743	752	231	138	80	27	41	6	1.9
<b>UNITS IN STRUCTURE</b>										
1	1 182	147	330	279	181	119	62	59	5	2.9
2	644	184	244	94	81	39	-	-	-	2.1
3 and 4	824	335	297	117	47	5	11	-	12	1.8
5 to 9	880	375	331	95	57	10	7	-	5	1.7
10 to 19	1 066	288	421	231	95	25	-	-	-	2.1
20 or more	528	169	254	83	17	-	-	6	-	1.9
Mobile home or trailer	41	16	14	11	-	-	-	-	-	...
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	4 729	1 274	1 806	899	467	126	71	66	20	2.7
2 or more	102	24	25	6	13	19	13	-	-	...
None or also used by another household	334	236	67	15	9	-	-	-	7	1.2
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b>	<b>3 649</b>		<b>1 891</b>	<b>910</b>	<b>478</b>	<b>198</b>	<b>80</b>	<b>70</b>	<b>22</b>	<b>2.5</b>
Male head, wife present, no nonrelatives	2 590	...	1 280	680	371	154	46	42	17	2.5
Under 25 years	797	...	545	198	48	-	6	-	-	2.2
25 to 34 years	1 286	...	551	384	218	110	13	10	-	2.7
35 to 44 years	261	...	65	58	76	17	16	12	17	3.6
45 to 64 years	187	...	69	31	29	27	11	20	-	3.3
65 years and over	59	...	50	9	-	-	-	-	-	...
Other male head	437	...	273	107	36	10	6	5	-	2.3
Under 65 years	420	...	268	101	30	10	4	5	-	2.3
65 years and over	17	...	5	6	-	-	-	-	-	...
Female head	622	...	338	123	71	34	28	23	5	2.4
Under 65 years	617	...	333	123	71	34	28	23	5	2.4
65 years and over	5	...	5	-	-	-	-	-	-	...
<b>One-person households</b>	<b>1 514</b>	<b>1 514</b>								<b>1.0</b>
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b>	<b>5 133</b>	<b>1 508</b>	<b>1 880</b>	<b>906</b>	<b>474</b>	<b>198</b>	<b>75</b>	<b>70</b>	<b>22</b>	<b>2.1</b>
Less than 10 percent	219	65	86	21	16	9	11	11	-	2.0
10 to 14 percent	670	199	211	88	98	40	4	18	-	2.1
15 to 19 percent	793	175	297	167	93	32	19	10	-	2.2
20 to 24 percent	698	171	288	145	69	21	-	4	-	2.1
25 to 34 percent	741	176	336	129	51	43	6	-	-	2.1
35 percent or more	1 819	634	609	335	130	48	35	18	10	2.0
Not computed	193	88	53	21	17	5	-	9	-	1.7

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property.

<sup>2</sup>Excludes one-family homes on 10 acres or more.

Table C-9. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Urbana					Urbana				
	Total	Less than 2 months	2 up to 6 months	6 months or more		Total	Less than 2 months	2 up to 6 months	6 months or more
Vacant for sale	19	7	3	9	Vacant for rent	141	98	25	18
<b>ROOMS</b>					<b>ROOMS</b>				
1 to 3 rooms	6	3	3	3	1 room	18	6	9	3
4 rooms	3	4	3	3	2 rooms	18	9	3	6
5 rooms	7	4	3	3	3 rooms	40	32	4	4
6 rooms	3	—	—	3	4 rooms	38	30	6	2
7 rooms or more	—	—	—	—	5 rooms	24	21	—	3
<b>PLUMBING FACILITIES</b>					<b>PLUMBING FACILITIES</b>				
With all plumbing facilities	19	7	3	9	With all plumbing facilities	116	88	19	9
Lacking some or all plumbing facilities	—	—	—	—	Lacking some or all plumbing facilities	25	10	6	9
<b>BEDROOMS</b>					<b>BEDROOMS</b>				
None and 1	—	—	—	—	None	—	—	—	—
2	19	—	—	19	1	74	74	—	—
3	—	—	—	—	2	36	17	19	—
4 or more	—	—	—	—	3 or more	19	—	19	—
<b>YEAR STRUCTURE BUILT</b>					<b>YEAR STRUCTURE BUILT</b>				
1969 to March 1970	—	—	—	—	1969 to March 1970	3	3	—	—
1960 to 1968	—	—	—	—	1960 to 1968	24	20	4	—
1950 to 1959	—	—	—	—	1950 to 1959	6	6	—	—
1949 or earlier	19	7	3	9	1949 or earlier	108	69	21	18
<b>UNITS IN STRUCTURE</b>					<b>UNITS IN STRUCTURE</b>				
1	16	7	3	6	1	16	11	3	2
2 or more	3	—	—	3	2 to 4	56	46	6	4
<b>HEATING EQUIPMENT</b>					<b>HEATING EQUIPMENT</b>				
Steam or hot water	3	—	—	3	5 to 9	26	11	3	12
Warm-air furnace	16	7	3	6	10 to 19	34	30	4	—
Built-in electric units	—	—	—	—	20 or more	9	—	9	—
Floor, wall, or pipeless furnace	—	—	—	—	<b>RENT ASKED</b>				
Other means	—	—	—	—	<b>Specified vacant for rent<sup>2</sup></b>				
None	—	—	—	—	Less than \$50	4	—	—	4
<b>SALES PRICE ASKED</b>					<b>Specified vacant for sale<sup>1</sup></b>				
Specified vacant for sale <sup>1</sup>	16	7	3	6	Less than \$5,000	3	—	—	3
Less than \$5,000	3	—	—	3	\$5,000 to \$9,999	—	—	—	—
\$5,000 to \$9,999	—	—	—	—	\$10,000 to \$14,999	7	7	—	—
\$10,000 to \$14,999	—	—	—	—	\$15,000 to \$19,999	—	—	—	—
\$15,000 to \$19,999	—	—	—	—	\$20,000 to \$24,999	—	—	—	—
\$20,000 to \$24,999	—	—	—	—	\$25,000 to \$29,999	—	—	—	—
\$25,000 to \$29,999	—	—	—	—	\$30,000 to \$34,999	—	—	—	—
\$30,000 to \$34,999	—	—	—	—	\$35,000 to \$49,999	—	—	—	—
\$35,000 to \$49,999	—	—	—	—	\$50,000 or more	—	—	—	—
\$50,000 or more	—	—	—	—	Median price asked	...	...	...	...
Median price asked	...	...	...	...	Median rent asked	\$105	...	...	...

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property. <sup>2</sup>Excludes one-family homes on 10 acres or more.

Table C-10. Sales Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1970

[Data based on sample, see text. For meaning of symbols, see text]

Urbana	Sales price asked—Vacant for sale <sup>1</sup>							Rent asked—Vacant for rent <sup>2</sup>						
	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
Total	16	3	7	3	—	—	3	141	13	16	32	51	24	5
<b>PLUMBING FACILITIES</b>														
With all plumbing facilities	19	19	—	—	—	—	—	129	—	—	18	92	19	—
Lacking some or all plumbing facilities	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>BEDROOMS</b>														
None and 1	—	—	—	—	—	—	—	74	—	—	18	56	—	—
2	19	19	—	—	—	—	—	36	—	—	—	36	—	—
3	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4 or more	—	—	—	—	—	—	—	19	—	—	—	—	19	—
<b>YEAR STRUCTURE BUILT</b>														
1969 to March 1970	—	—	—	—	—	—	—	3	—	—	—	—	—	3
1960 to 1968	—	—	—	—	—	—	—	24	—	—	—	10	14	—
1950 to 1959	—	—	—	—	—	—	—	6	—	—	4	—	2	—
1949 or earlier	16	3	7	3	—	—	3	108	13	16	28	41	8	2
<b>UNITS IN STRUCTURE</b>														
1	...	...	...	...	...	...	...	16	—	—	—	11	5	—
2 to 4	...	...	...	...	...	...	...	56	3	10	16	24	3	—
5 to 19	...	...	...	...	...	...	...	60	7	6	13	13	16	5
20 or more	...	...	...	...	...	...	...	9	3	—	3	3	—	—
<b>INCLUSION OF UTILITIES IN RENT</b>														
All utilities included	...	...	...	...	...	...	...	55	10	9	17	6	11	2
Some or no utilities included	...	...	...	...	...	...	...	86	3	7	15	45	13	3

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property. <sup>2</sup>Excludes one-family homes on 10 acres or more.

## Appendix A.—AREA CLASSIFICATIONS

USUAL PLACE OF RESIDENCE ..	App-1
COUNTIES .....	App-1
PLACES .....	App-1
STANDARD METROPOLITAN STATISTICAL AREAS .....	App-1

### USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to 1790, each person enumerated in the 1970 census was counted as an inhabitant of his usual place of residence, which is generally construed to mean the place where he lives and sleeps most of the time. This place is not necessarily the same as his legal residence, voting residence, or domicile. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics although there may be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishing of residence rules for certain categories of persons whose usual place of residence is not immediately clear. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be found by the census enumerators. Persons without a usual place of residence were, however, counted where they were enumerated. Detailed information on residence rules is given in the 1970 Population Census PC(1)-A reports.

### COUNTIES

The primary divisions of the States are, in general, termed counties, but in Louisiana these divisions are known as parishes. There are no counties in Alaska; in this State, statistical areas called census divisions were developed

for general statistical purposes through the cooperation of the State and the Census Bureau and are treated as county equivalents. In four States (Maryland, Missouri, Nevada, and Virginia), there are one or more cities which are independent of any county organization and thus constitute primary divisions of their States.

### PLACES

Two types of places are recognized in the census reports, incorporated places and unincorporated places. Incorporated places are political units incorporated as cities, boroughs, towns, and villages except for (a) boroughs in Alaska and (b) towns in the New England States, New York, and Wisconsin. Unincorporated places are closely settled population centers without corporate limits for which the Census Bureau has delineated boundaries. Each place so delineated possesses a definite nucleus of residences and has its boundaries drawn to include, if feasible, all the surrounding closely settled area. Unincorporated places are identified with the letter "U."

### STANDARD METROPOLITAN STATISTICAL AREAS

The Bureau of the Census recognizes 243 standard metropolitan statistical areas (SMSA's) in the United States and 4 in Puerto Rico, making a total of 247 in the 1970 census. These include the 231 SMSA's as defined and named in the Bureau of the Budget publication, **Standard Metropolitan Statistical Areas: 1967**, U.S. Government Printing Office, Washington, D.C. 20402. Since 1967, 16 SMSA's have been added, of which two were defined in January 1968 and an additional 14 were defined in February

1971 on the basis of the results of the 1970 census. Changes in SMSA boundaries or titles made after February 1971 are not recognized in this series of reports. SMSA's are defined by the Office of Management and Budget (formerly Bureau of the Budget).

Except in the New England States, a standard metropolitan statistical area is a county or group of contiguous counties which contains at least one city of 50,000 inhabitants or more, or "twin cities" with a combined population of at least 50,000. In addition to the county or counties containing such a city or cities, contiguous counties are included in an SMSA if, according to certain criteria, they are socially and economically integrated with the central city. In the New England States, SMSA's consist of towns and cities instead of counties. Each SMSA must include at least one central city, and the complete title of an SMSA identifies the central city or cities. For a detailed description of the criteria used in defining SMSA's, see the Bureau of the Budget publication cited above.

The figures for central cities shown in this report may differ from those shown in the Housing Census HC(1)-A and HC(1)-B reports. In those reports, if a central city of an SMSA is an extended city (so designated because it has extended its boundaries to include territory essentially rural in character), the figures shown for the central city were restricted to the urban portion of the city. In addition, parts of central cities outside the SMSA boundaries were excluded from the central city tabulations. In this report, however, figures for central cities refer to the entire population and housing within the legal city boundaries, including any rural parts of the city or parts outside the SMSA.

## Appendix B.—DEFINITIONS AND EXPLANATIONS OF SUBJECT CHARACTERISTICS

<b>GENERAL</b> .....	App-2	Gross rent .....	App-8
Self-enumeration and census questionnaire .....	App-2	Rent asked .....	App-8
Comparability with 1960 data ..	App-2	Value-income ratio .....	App-8
<b>LIVING QUARTERS</b> .....	App-3	Gross rent as percentage of income .....	App-8
Housing units .....	App-3	<b>HOUSEHOLD CHARACTERISTICS</b> .....	App-8
Group quarters .....	App-3	Head of household .....	App-8
Rules for mobile homes, hotels, rooming houses, etc. ....	App-3	Household composition .....	App-8
Institutions .....	App-4	Nonrelative .....	App-9
<b>OCCUPANCY AND VACANCY CHARACTERISTICS</b> .....	App-4	Family or primary individual ...	App-9
Occupied housing units .....	App-4	Income in 1969 .....	App-9
Race .....	App-4	<b>FACSIMILES</b> .....	App-10
Spanish heritage .....	App-4	Housing Pages in the 1970 Census Questionnaires .....	App-10
Tenure .....	App-4	Respondent Instructions for the Housing Questions in the 1970 Census .....	App-13
Year moved into unit .....	App-4	<b>GENERAL</b>	
Vacant housing units .....	App-4	Self-enumeration and census questionnaire.—As stated in the introductory text of this report, the 1970 census was conducted primarily through self-enumeration. Furthermore, census takers were instructed to read the questions directly from the questionnaire in their telephone and personal visit interviews. The questionnaire pages containing the housing questions asked on a 100-percent basis and the additional questions asked on a sample basis, as well as the page of the respondent instruction sheet which relates to these questions, are reproduced on pages App-10 to App-13. The definitions and explanations given below for each subject are, to a considerable extent, drawn from various technical and procedural materials used in the collection of the data. This material helped the enumerative personnel to understand more fully the intent of each question and thus to resolve problem or unusual cases. Also included is certain explanatory information to assist the user in the proper utilization of the statistics.	
Vacancy status .....	App-5		
Duration of vacancy .....	App-5		
<b>UTILIZATION CHARACTERISTICS</b> .....	App-5		
Persons .....	App-5		
Rooms .....	App-5		
Persons per room .....	App-5		
Bedrooms .....	App-5		
<b>STRUCTURAL AND PLUMBING CHARACTERISTICS</b> .....	App-5		
Direct access .....	App-5		
Complete kitchen facilities .....	App-5		
Year structure built .....	App-6		
Units in structure .....	App-6		
Elevator in structure .....	App-6		
Plumbing facilities .....	App-6		
Complete bathrooms .....	App-6		
<b>EQUIPMENT, FUELS, AND APPLIANCES</b> .....	App-6		
Heating equipment .....	App-6		
Air conditioning .....	App-7		
Automobiles available .....	App-7		
Automatic clothes washing machine .....	App-7		
Clothes dryer .....	App-7		
Dishwasher .....	App-7		
Home food freezer .....	App-7		
Owned second home .....	App-7		
<b>FINANCIAL CHARACTERISTICS</b> .....	App-7		
Value .....	App-7		
Sales price asked .....	App-7		

**Comparability with 1960 data.**—Although the 1970 data are generally comparable with the data collected in 1960, certain changes have been introduced. The 1960 inquiry regarding owner occupancy has been subdivided to show a separate category for cooperatives and condominiums in 1970. The 1960 question on cooking equipment was broadened in 1970 to cover "complete kitchen facilities"; i.e., an installed sink with piped water, a range or cookstove, and a mechanical refrigerator. On the other hand, the 1960 question on condition of housing unit (i.e., sound, deteriorating, or dilapidated) was eliminated because of serious problems with response reliability.

Items which were added to the 1970 questionnaire are dishwasher and owned second home. The 1960 inquiry on television has been subdivided to provide separate information on television sets which can receive UHF broadcasts. The 1970 inquiry on radios is limited to battery-operated sets including car radios, whereas the 1960 inquiry covered radio sets of all kinds located in the unit. Data on television sets and radios are not given in this report; statistics on these appliances, however, are presented in the 1970 Housing Census, HC(1)-B reports.

There have also been changes in the scope of some of the tabulations. The tabulations on value and contract rent refer to slightly different sets of housing units in 1970 than in 1960. Summarized generally, the difference is that the 1970 data exclude units on places of 10 acres or more whereas the 1960 data exclude units on farms; more specific information can be obtained by comparing the value and rent definitions in the present report with those in 1960 Housing Census Volume I.

Data on elevator in structure were collected for all geographic areas in 1970. In 1960, statistics on elevator in structure were collected only for large places; that is, places which had a population of 50,000 or more in 1950 or in an interim census.

Separate data on a number of subjects are presented for occupied units with Negro head of household. In 1960, this type of tabulation related to the total of all household heads other than white; Negro household heads constituted 95 percent of this total in 1960 for the Nation as a whole, but this proportion varied widely among areas.

Separate data are also shown in this report for housing units occupied by heads of Spanish heritage, that is, household heads of Spanish language or Spanish surname in five Southwestern States (Arizona, California, Colorado, New Mexico, and Texas), heads of Puerto Rican birth or parentage in New York, New Jersey, and Pennsylvania, and heads of Spanish language in all other States. In 1960, household heads of Spanish surname were identified in the five Southwestern States and Puerto Rican heads of households were identified in all other States. More information on the 1970 definition is given in this report and in the 1970 Population Census Series PC(1)-C reports; the 1960 definition is more fully explained in the 1960 Census of Housing Volume 1 reports.

#### LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house,

mobile home or trailer, etc.). Living quarters may also be in structures intended for nonresidential use (e.g., the rooms in a warehouse where a watchman lives), as well as in tents, caves, old railroad cars, etc.

**Housing units.**—A housing unit is a house, an apartment, a group of rooms, or a single room occupied or intended for occupancy as separate living quarters. Separate living quarters are those in which the occupants do not live and eat with any other persons in the structure and which have either (1) direct access from the outside of the building or through a common hall or (2) complete kitchen facilities for the exclusive use of the occupants. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements (except as described in the section on group quarters). For vacant units, the criteria of separateness, direct access, and complete kitchen facilities for exclusive use are applied to the intended occupants, whenever possible. If the information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing inventory, except that mobile homes, trailers, tents, caves, boats, railroad cars, and the like, are included only if they are occupied.

**Group quarters.**—Group quarters are living arrangements for institutional inmates or for other groups containing five or more persons not related to the person in charge. Group quarters are located most frequently in institutions, boarding houses, military barracks, college dormitories, fraternity and sorority houses, hospitals, mona-

steries, convents, and ships. A house or apartment is considered group quarters if it is shared by the person in charge and five or more persons unrelated to him, or if there is no person in charge, by six or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

**Rules for mobile homes, hotels, rooming houses, etc.**—Mobile homes or trailers, tents, boats, or railroad cars are not enumerated if vacant, used only for business, or used only for vacations.

Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; i.e., persons who consider the hotel as their usual place of residence or have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels, motels, and similar places in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have either direct access or complete kitchen facilities for exclusive use, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain four or fewer roomers unrelated to the head, they are classified as one housing unit; if the combined quarters contain five or more roomers unrelated to the head or person in charge, they are classified as group quarters. In a dormitory, residence hall, or similar place, living quarters of the supervisory staff and other employees are separate housing units if they satisfy the housing unit

criteria; other living quarters are considered group quarters.

**Institutions.**—Living quarters of staff personnel are separate housing units if they satisfy the housing unit criteria. Other living quarters are considered group quarters.

#### OCCUPANCY AND VACANCY CHARACTERISTICS

**Occupied housing units.**—A housing unit is classified as occupied if a person or group of persons is living in it at the time of enumeration or if the occupants are only temporarily absent—for example, on vacation. However, if the persons staying in the unit have their usual place of residence elsewhere, the unit is classified as vacant.

A household consists of all the persons who occupy a housing unit. By definition, therefore, the count of occupied housing units is the same as the count of households in the 1970 Census of Population reports. In some cases, however, there may be small differences in the counts resulting from processing procedures.

**Race.**—The classification by race shown here refers to the race of the head of the household occupying the housing unit. Detailed characteristics of units with Negro head of household are presented in separate tables for SMSA's, cities or places having a Negro population of 25,000 or more. The concept of race as used by the Census Bureau does not denote clear-cut scientific definitions of biological stock. The data represent essentially self-classification by people according to the race with which they identify themselves.

**Spanish heritage.**—The inquiries in the 1970 census permit the identification of housing units occupied by heads of Spanish heritage by various means: birthplace, birthplace of parents, language, and surname. The specific types of identification are given below. A more detailed explanation is given in the 1970 Population Census PC(1)-C reports.

**Puerto Rican birth or parentage.**—Household heads of Puerto Rican birth or parentage are identified in the three Middle Atlantic States: New York, New Jersey, and Pennsylvania.

**Spanish language or Spanish surname.**—In five Southwestern States—Arizona, California, Colorado, New Mexico, and Texas—household heads of Spanish language or Spanish surname are identified. (A household head is classified as of Spanish language if the head or his wife reported Spanish as his or her mother tongue, i.e., the language spoken at home when the person was a child.)

**Spanish language.**—In all other States and the District of Columbia, household heads of Spanish language (as defined above) are identified.

Detailed characteristics of units with heads of Spanish heritage are presented in separate tables for SMSA's, cities or places having a population of 25,000 or more for the particular Spanish-heritage group.

**Tenure.**—(See facsimiles of questionnaire item H9 and instructions on pages App-10 and App-13.) A housing unit is "owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. A

cooperative or condominium unit is "owner occupied" only if the owner or co-owner lives in it. All other occupied units are classified as "renter occupied," including units rented for cash rent and those occupied without payment of cash rent.

**Year moved into unit.**—Data on year moved into unit are based on the information reported for the head of the household. The question refers to the year of latest move. Thus, if the head moved back into a unit he had previously occupied, the year of his latest move was to be reported; if he moved from one apartment to another in the same building, the year he moved into his present unit was to be reported. The intent is to establish the year the present occupancy by the head began. The year the head moves is not necessarily the same year other members of the household move, although in the great majority of cases the entire household moves at the same time.

**Vacant housing units.**—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. In addition, a vacant unit may be one which is occupied entirely by persons who have a usual residence elsewhere.

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if unfit for human habitation; that is, if the roof, walls, windows, or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned. Also

excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

**Vacancy status.**—(See facsimile of questionnaire item C on page App-10.) Vacant housing units are classified as either "seasonal and migratory" or "year-round." "Seasonal" units are intended for occupancy during only certain seasons of the year. Included are units intended for recreational use, such as beach cottages and hunting cabins, and vacant units held for herders and loggers. "Migratory" units are vacant units held for occupancy by migratory labor employed in farm work during the crop season. "Year-round" vacant housing units are available or intended for occupancy at any time of the year. A unit in a resort area which is usually occupied on a year-round basis is considered year-round. A unit used only occasionally throughout the year is also considered year-round.

This report presents statistics for "year-round" vacant units on the market for sale or for rent. Excluded are "seasonal and migratory" vacant units, as well as "year-round" vacant units sold or rented but not yet occupied by the new owner or renter, units held for the occasional use of the owner, and units held off the market for other reasons.

**Vacant for sale.**—Vacant year-round units "for sale" also include vacant units in a cooperative or condominium building if the individual units are offered for sale only.

**Vacant for rent.**—Vacant year-round units "for rent" also include vacant units offered either for rent or for sale.

**Duration of vacancy.**—(See facsimile of questionnaire item D on page App-10.) The statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the unit to the date of enumeration. The data, therefore, do not provide a direct measure of the total length of time units remain vacant. For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed.

#### UTILIZATION CHARACTERISTICS

**Persons.**—All persons occupying the housing unit are counted. These persons include not only occupants related to the head of the household but also any lodgers, roomers, boarders, partners, wards, foster children, and resident employees who share the living quarters of the household head. The data on "persons" show the number of housing units occupied by the specified number of persons.

Units with one or more roomers, boarders, or lodgers are shown as a separate category. Not included as "roomers, boarders, or lodgers" are servants who live in, companions, partners, etc.

**Rooms.**—(See facsimiles of questionnaire item H4 and instructions on pages App-10 and App-13.) The statistics on "rooms" are in terms of the number of housing units with specified number of rooms. The intent of this question was to count the number of whole rooms used for living purposes. As stated on the questionnaire and instruction sheet, bathrooms, foyers,

utility rooms, unfinished attics or basements, etc., are not included in the count of rooms.

**Persons per room.**—"Persons per room" is computed for each occupied unit by dividing the number of persons in the unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of housing units having the specified ratio of persons per room.

**Bedrooms.**—(See facsimile of questionnaire item H26 on page App-12.) The number of bedrooms in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a hideaway bed, are not considered bedrooms. A housing unit consisting of only one room, such as one-room efficiency apartment, is classified, by definition, as having no bedroom.

#### STRUCTURAL AND PLUMBING CHARACTERISTICS

**Direct access.**—(See facsimiles of questionnaire item H2 and instructions on pages App-10 and App-13.) A housing unit is regarded as having direct access if there is (1) a direct entrance from the outdoors, or (2) an entrance from a hall, lobby, or vestibule which is usually used by the occupants of more than one unit or by the general public.

**Complete kitchen facilities.**—(See facsimiles of questionnaire item H3 and instructions on pages App-10 and App-13.) A unit has complete kitchen facilities when it has all three of the

following: (1) an installed sink with piped water, (2) a range or cookstove, and (3) a mechanical refrigerator.

All kitchen facilities must be located in the structure. They need not be in the same room. Quarters with only portable cooking equipment are not considered as having a range or cookstove. An icebox is not included as a mechanical refrigerator.

The kitchen facilities are for the exclusive use of the occupants (shown on the questionnaire as "for this household only") when they are used only by the occupants of one housing unit, including lodgers or other unrelated persons living in the unit. When a structure consists of only one housing unit, all equipment located inside the structure is classified, by definition, for exclusive use.

**Year structure built.**—(See facsimile of questionnaire item H15 on page App-11.) Year structure built refers to when the building was first constructed, not when it was remodeled, added to, or converted. The figures relate to the number of units in structures built during the specified periods and in existence at the time of enumeration.

**Units in structure.**—(See facsimiles of questionnaire item H16 and instructions on pages App-11 and App-13.) In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented in terms of the number of housing units in structures of specified type and size, not in terms of the number of residential structures.

A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. Structures containing

only one housing unit are further classified as detached or attached (as explained on the questionnaire and instruction sheet).

Mobile homes and trailers are shown as a separate category. When one or more rooms have been added to a mobile home or trailer it is classified as a one-family house. If, however, only a porch or shed has been added, it is still counted as a mobile home or trailer.

The data on units in structure shown in this report may differ from the comparable figures in the HC(1)-A report. The answers to item H16 on the sample questionnaire made it possible in the HC(2) tabulations to correctly classify as mobile homes or trailers those which were incorrectly classified as one-family houses or as housing units in multiunit structures in the HC(1)-A tabulations.

**Elevator in structure.**—(See facsimiles of questionnaire item H24 and instructions on pages App-12 and App-13.) Statistics on elevator in structure are presented in terms of the number of housing units in structures with four stories or more which have a passenger elevator. Units are in a "walk-up" structure of four stories or more if the structure has no passenger elevator or if the only elevator service is for freight.

**Plumbing facilities.**—(See facsimiles of questionnaire items H5, H6, and H7 and instructions on pages App-10 and App-13.) The category "with all plumbing facilities" consists of units which have hot and cold piped water inside the structure as well as a flush toilet and a bathtub or shower inside the structure for the exclusive use of the occupants of the unit. "Lacking some or all plumbing facilities" means that the unit does not have all three

specified plumbing facilities (hot and cold piped water, as well as flush toilet and bathtub or shower inside the structure), or that the toilet or bathing facilities are also for the use of the occupants of other housing units.

**Complete bathrooms.**—(See facsimile of questionnaire item H21 on page App-11.) A housing unit is classified as having a complete bathroom if it has a room with a flush toilet and bathtub or shower for the exclusive use of the occupants of the unit and a wash basin, as well as piped hot water in the structure. (Although the instructions on the questionnaire do not specify that a complete bathroom must have hot water, this requirement was applied during the processing of the data in an edit combining the items on complete bathrooms and piped water in structure.) A half bathroom has either a flush toilet or a bathtub or shower for exclusive use, but does not have all the facilities for a complete bathroom.

The category "none or also used by another household" consists of units with no bathroom facilities, units with only a half bathroom, and units with bathroom facilities which are also for the use of the occupants of other housing units.

#### EQUIPMENT, FUELS, AND APPLIANCES

**Heating equipment.**—(See facsimiles of questionnaire item H14 and instructions on pages App-11 and App-13.) "Steam or hot water" refers to a central heating system in which heat from steam or hot water is delivered through radiators or other outlets. "Warm-air furnace" refers to a central system which provides warm air through ducts leading to various rooms; central heat pumps are

included in this category. "Built-in electric units" are permanently installed in floors, walls, or ceilings. A "floor, wall, or pipeless furnace" delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed. "Other means" includes room heaters with or without flue, fireplaces, stoves, and portable heaters of all types.

For vacant units from which the heating equipment had been removed, the equipment used by the last occupants was to be reported.

**Air conditioning.**—(See facsimiles of questionnaire item H22 and instructions on pages App-11 and App-13.) Air conditioning is defined as the cooling of air by a refrigeration unit; excluded are evaporative coolers, fans, or blowers which are not connected to a refrigeration unit. A central system is a central installation which air-conditions the entire housing unit. In an apartment building, a central system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems, each providing central air conditioning for a group of apartments. A central installation with individual room controls is a central air-conditioning system. A room unit is an individual air conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room.

**Automobiles available.**—(See facsimiles of questionnaire item H23 and instructions on pages App-11 and App-13.) Statistics on automobiles available represent the number of passenger automobiles, including station wagons, which are owned or regularly used by any member of the household and

which are ordinarily kept at home. Taxicabs, pickups, or larger trucks were not to be counted. The figures include leased automobiles and company-owned automobiles kept at home. The statistics, therefore, do not reflect the number of automobiles privately owned or the number of households owning automobiles.

**Appliances.**—(See facsimiles of questionnaire items H27 and instructions on pages App-12 and App-13.)

**Automatic clothes washing machine.**—This category describes a machine that washes, rinses, and damp dries in the same tub; washer-dryer combinations are included in this group.

**Clothes dryer.**—A clothes dryer is a mechanical appliance in which clothes are dried by heated air. A unit with a washer-dryer combination is classified as having a clothes dryer (as well as an automatic clothes washing machine.)

**Dishwasher.**—This category includes both built-in and portable dishwashers.

**Home food freezer.**—A home food freezer is an appliance, separate from the refrigerator, designed for freezing food and for storing frozen food.

**Owned second home.**—(See facsimiles of questionnaire item H30 and instructions on pages App-12 and App-13.) A second home may be a single-family house, vacation cottage, hunting cabin, ski lodge, etc., which is owned and held for use sometime during the year by the owner or members of his household. Second homes may also be owned in partnership with members of a different household. The figures include second homes which are some-

times rented or leased on a short-term basis to other persons but are principally held for the owner's occasional use during the year.

The statistics refer to the number of households that own (one or more) second homes. The data, therefore, do not reflect the number of owned second homes.

## FINANCIAL CHARACTERISTICS

**Value.**—(See facsimiles of questionnaire item H11 and instructions on pages App-10 and App-13.) Value is the respondent's estimate of how much the property (house and lot) would sell for if it were for sale. The statistics on value are shown only for one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The value tabulations also exclude mobile homes and trailers and units in cooperatives and condominiums.

As stated in the section on "units in structure," certain mobile homes and trailers were incorrectly classified as one-family houses in the HC(1)-A tabulations. In the HC(2) reports, the number of specified owner-occupied (one-family) units and the value tabulations correctly exclude the misclassified mobile homes and trailers; these tend to be at the lower end of the value distribution. As a result, the data on value shown in this report may differ from the comparable statistics in the HC(1)-A report.

**Sales price asked.**—For vacant units, the sales price is the amount asked for the property at the time of enumeration. The statistics on sales price are shown only for vacant for sale one-family houses on less than 10 acres without a commercial establishment or medical office on the property.

**Gross rent.**—(See facsimiles of questionnaire items H12 and H13 and instructions on pages App-10, 11, and 13.) The computed rent termed "gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, water) and fuels (oil, coal, kerosene, wood, etc.), if these items are paid for by the renter (or paid for him by someone else, such as a relative, welfare agency, or friend) in addition to rent. Contract rent is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included. Thus, gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuel as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but they are converted to monthly figures in the computation process.

The statistics on rent exclude one-family houses on ten acres or more. Renter units occupied without payment of cash rent are shown separately as "no cash rent" in the rent tabulations.

**Rent asked.**—For vacant units, the rent is the amount asked for the unit at the time of enumeration. The data are for vacant year-round units for rent, excluding one-family houses on ten acres or more. In table 10, data are provided for two kinds of vacant-for-rent units—those for which the rent includes payment for all utilities and fuel, and those for which the rent includes only some or none of the utilities and fuel. See section on "Gross rent" above for discussion of utilities and fuel.

**Value-income ratio.**—The value-income ratio is computed by dividing the value

of the housing unit by the total income in 1969 of the family or primary individual. The ratio is presented for the same owner-occupied units for which value was tabulated; thus, the statistics on value-income ratio reflect the exclusion of certain owner-occupied units. The ratio was computed separately for each unit and was rounded to the nearest tenth. In reporting value, respondents were asked to select an appropriate class interval. The midpoints of the value intervals were used in the computation of the value-income ratio, except that a mean of \$3,500 was assigned for values less than \$5,000 and a mean of \$60,000 was assigned for values of \$50,000 or more. For income, the dollar amounts were used. Units occupied by families or primary individuals who reported no income or a net loss comprise the category "not computed."

**Gross rent as percentage of income.**—The yearly gross rent (monthly gross rent multiplied by 12) is expressed as a percentage of the total income in 1969 of the family or primary individual. The percentage is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics on gross rent as percentage of income reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. For gross rent, the dollar amounts were used in the computation except that \$999 was assigned for monthly rentals of \$1,000 or more. For income, the dollar amounts were used. Units for which no cash rent is paid and units occupied by families or primary individuals who reported no income or a net loss comprise the category "not computed."

## HOUSEHOLD CHARACTERISTICS

**Head of household.**—One person in each household is designated as the "head," that is, the person who is regarded as the head by the members of the household. However, if a married woman living with her husband is reported as the head, her husband was considered the head for the purpose of simplifying the tabulations.

**Household composition.**—Statistics by age of head are presented separately for two-or-more person households and for one-person households. Households having two or more persons are further subdivided as follows:

**Male head, wife present, no non-relatives.**—Each household in this group consists of the head and his wife, and other persons, if any, all of whom are related to him.

**Other male head.**—This category includes households with male head, wife present, with non-relatives living with them; male heads who are married, but with wife absent because of separation or other reason where husband and wife maintain separate residences; and male heads who are widowed, divorced, or single.

**Female head.**—This group comprises households with female heads regardless of their marital status. Included are female heads with no spouse and female heads whose husbands are living away from their families, as for example, husbands in the Armed Forces living on military installations.

Households consisting of only one person are shown separately as "one-person households" and are not included in the subcategories "other male head" and "female head."

**Nonrelative.**—A nonrelative of the head is any person in the household who is not related to the head by blood, marriage, or adoption. Roomers, boarders, lodgers, partners, resident employees, wards, and foster children are included in this category.

**Family or primary individual.**—Housing units are occupied by either "families" or "primary individuals." The term "family" refers to the head of a household and all (one or more) other persons living in the same household who are related to the head by blood, marriage, or adoption. If the head lives alone or with nonrelatives only, then the head is considered a "primary individual."

Married couples related to the head of a family are included in the family and are not considered as separate families. A lodger, servant, or other person unrelated to the head is considered a member of the household but not of the family.

In the statistics on household composition, families are always included in one of the three major groups of two-or-more person households. Primary individuals with nonrelatives living with them are tabulated as "other male head" or "female head." Primary individuals living alone are always tabulated as "one-person households."

**Income in 1969.**—Income is the sum of the amounts reported for wage and salary income, net self-employment income, Social Security or railroad retirement income, public assistance or welfare income, and all other income. The figures represent the amount of income received before deductions for personal income taxes, Social Security, bond purchases, union dues, health insurance premiums, Medicare deductions, etc.

In this report, the statistics relate to the income of the family or primary individual occupying the housing unit; that is, the sum of the income of the head of the family and all other members of the family 14 years old and over or the income of the primary individual. Incomes of persons living in the unit but not related to the head of the household are not included in this sum. Although the income statistics cover the calendar year 1969, the characteristics of the household refer to the time of enumeration (April 1970). Thus, the income of the family does not include amounts received by persons who were members of the family during all or part of the calendar year 1969 if these persons no longer resided with the family at the time of the census. On the other hand, family income includes amounts reported by related persons who did not reside with the family during 1969 but who were members of the family at the time of enumeration. For most families, however, the income reported was received by persons who were members of the family throughout 1969.

Wage or salary income is defined as the total money earnings received for work performed as an employee at any time during the calendar year 1969. It includes wages, salary, pay from Armed Forces, commissions, tips, piece rate payments, and cash bonuses earned. Net self-employment income is defined as net money income (gross receipts minus operating expenses) received from a business, farm, professional enterprise, or partnership in which the person was engaged on his own account.

Social Security or railroad retirement income includes cash receipts of Social Security pensions, survivors' benefits, permanent disability insurance payments, and special benefit payments made by the Social Security Administration. Cash receipt of retire-

ment, disability, and survivors' benefit payments made by the U.S. Government under the Railroad Retirement Act are also included. Public assistance income includes cash receipts of payments made under the following public assistance programs: Aid to families with dependent children, old age assistance, general assistance, aid to the blind, and aid to the permanently and totally disabled. Separate payments received for hospital or other medical care are not included.

Income from all other sources includes money income received from sources such as interest; dividends; net income (or loss) from property rentals; net receipts from roomers or boarders; veteran's payments; public or private pensions; periodic receipts from insurance policies or annuities; unemployment insurance benefits; workmen's compensation cash benefits; net royalties; periodic payments from estates and trust funds; alimony or child support from persons who are not members of the household; net gambling gains; nonservice scholarships and fellowships; and money received for transportation and/or subsistence by persons participating in special governmental training programs, e.g., under the Manpower Development and Training Act.

Receipts from the following sources were not included as income: Money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" such as food produced and consumed in the home or free living quarters; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts. (A more detailed discussion of income is given in the 1970 Population Census, PC(1)-C reports.)

APPENDIX B—Continued

FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES  
(Questions on this page appeared on both the 15-percent and 5-percent questionnaires)

<p><b>A.</b> How many living quarters, occupied and vacant, are at this address?</p> <p> <input type="radio"/> One  <input type="radio"/> 2 apartments or living quarters  <input type="radio"/> 3 apartments or living quarters  <input type="radio"/> 4 apartments or living quarters  <input type="radio"/> 5 apartments or living quarters  <input type="radio"/> 6 apartments or living quarters  <input type="radio"/> 7 apartments or living quarters  <input type="radio"/> 8 apartments or living quarters  <input type="radio"/> 9 apartments or living quarters  <input type="radio"/> 10 or more apartments or living quarters  <input type="radio"/> This is a mobile home or trailer         </p> <p>• <input type="checkbox"/> <input type="checkbox"/></p> <p><i>Answer these questions for your living quarters:</i></p> <p><b>H1.</b> Is there a telephone on which people in your living quarters can be called?</p> <p> <input type="radio"/> Yes — What is the number? _____  <span style="margin-left: 150px;"><i>Phone number</i></span> </p> <p><input type="radio"/> No</p> <p><b>H2.</b> Do you enter your living quarters—</p> <p> <input type="radio"/> Directly from the outside or through a common or public hall?  <input type="radio"/> Through someone else's living quarters?         </p> <p><b>H3.</b> Do you have complete kitchen facilities? <i>Complete kitchen facilities are a sink with piped water, a range or cook stove, and a refrigerator.</i></p> <p> <input type="radio"/> Yes, for this household only  <input type="radio"/> Yes, but also used by another household  <input type="radio"/> No complete kitchen facilities for this household         </p> <p><b>H4.</b> How many rooms do you have in your living quarters? <i>Do not count bathroom, porches, balconies, foyers, halls, or half-rooms.</i></p> <p> <input type="radio"/> 1 room                      <input type="radio"/> 6 rooms  <input type="radio"/> 2 rooms                     <input type="radio"/> 7 rooms  <input type="radio"/> 3 rooms                     <input type="radio"/> 8 rooms  <input type="radio"/> 4 rooms                     <input type="radio"/> 9 rooms or more  <input type="radio"/> 5 rooms         </p> <p><b>H5.</b> Is there hot and cold piped water in this building?</p> <p> <input type="radio"/> Yes, hot and cold piped water in this building  <input type="radio"/> No, only cold piped water in this building  <input type="radio"/> No piped water in this building         </p> <p><b>H6.</b> Do you have a flush toilet?</p> <p> <input type="radio"/> Yes, for this household only  <input type="radio"/> Yes, but also used by another household  <input type="radio"/> No flush toilet         </p> <p><b>H7.</b> Do you have a bathtub or shower?</p> <p> <input type="radio"/> Yes, for this household only  <input type="radio"/> Yes, but also used by another household  <input type="radio"/> No bathtub or shower         </p> <p><b>H8.</b> Is there a basement in this building?</p> <p> <input type="radio"/> Yes  <input type="radio"/> No, built on a concrete slab  <input type="radio"/> No, built in another way (<i>include mobile homes and trailers</i>)         </p>	<p><b>H9.</b> Are your living quarters—</p> <p> <input type="radio"/> Owned or being bought by you or by someone else in this household? <i>Do not include cooperatives and condominiums here.</i>  <input type="radio"/> A cooperative or condominium which is owned or being bought by you or by someone else in this household?  <input type="radio"/> Rented for cash rent?  <input type="radio"/> Occupied without payment of cash rent?         </p> <p><b>H10a.</b> Is this building a one-family house?</p> <p> <input type="radio"/> Yes, a one-family house  <input type="radio"/> No, a building for 2 or more families or a mobile home or trailer         </p> <p><b>b.</b> If "Yes"—Is this house on a place of 10 acres or more, or is any part of this property used as a commercial establishment or medical office?</p> <p> <input type="radio"/> Yes, 10 acres or more  <input type="radio"/> Yes, commercial establishment or medical office  <input type="radio"/> No, none of the above         </p> <p><b>H11.</b> If you live in a one-family house which you own or are buying— What is the value of this property; that is, how much do you think this property (house and lot) would sell for if it were for sale?</p> <p> <input type="radio"/> Less than \$5,000  <input type="radio"/> \$5,000 to \$7,499  <input type="radio"/> \$7,500 to \$9,999  <input type="radio"/> \$10,000 to \$12,499  <input type="radio"/> \$12,500 to \$14,999  <input type="radio"/> \$15,000 to \$17,499  <input type="radio"/> \$17,500 to \$19,999  <input type="radio"/> \$20,000 to \$24,999  <input type="radio"/> \$25,000 to \$34,999  <input type="radio"/> \$35,000 to \$49,999  <input type="radio"/> \$50,000 or more         </p> <p style="font-size: small; border: 1px solid black; padding: 2px; width: fit-content; margin-left: 100px;"><i>If this house is on a place of 10 acres or more, or if any part of this property is used as a commercial establishment or medical office, do not answer this question.</i></p> <p><b>H12.</b> Answer this question if you pay rent for your living quarters.</p> <p><b>a.</b> If rent is paid by the month— What is the monthly rent?</p> <p>Write amount here → \$ _____ .00 (<i>Nearest dollar</i>)</p> <p><i>and</i></p> <p>Fill one circle</p> <p> <input type="radio"/> Less than \$30  <input type="radio"/> \$30 to \$39  <input type="radio"/> \$40 to \$49  <input type="radio"/> \$50 to \$59  <input type="radio"/> \$60 to \$69  <input type="radio"/> \$70 to \$79  <input type="radio"/> \$80 to \$89  <input type="radio"/> \$90 to \$99  <input type="radio"/> \$100 to \$119  <input type="radio"/> \$120 to \$149  <input type="radio"/> \$150 to \$199  <input type="radio"/> \$200 to \$249  <input type="radio"/> \$250 to \$299  <input type="radio"/> \$300 or more         </p> <p><b>b.</b> If rent is not paid by the month— What is the rent, and what period of time does it cover?</p> <p>\$ _____ .00 per _____ (<i>Nearest dollar</i>)                      (<i>W'ch, bal, month, year, etc.</i>)</p>	<p>FOR CENSUS ENUMERATOR'S USE ONLY</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <tr> <th style="width: 50%;">#4 Block number</th> <th style="width: 50%;">#5 Serial number</th> </tr> <tr> <td>0 0 0 0 0</td> <td>0 0 0 0 0</td> </tr> <tr> <td>1 0 0 0 0</td> <td>1 0 0 0 0</td> </tr> <tr> <td>2 0 0 0 0</td> <td>2 0 0 0 0</td> </tr> <tr> <td>3 0 0 0 0</td> <td>3 0 0 0 0</td> </tr> <tr> <td>4 0 0 0 0</td> <td>4 0 0 0 0</td> </tr> <tr> <td>5 0 0 0 0</td> <td>5 0 0 0 0</td> </tr> <tr> <td>6 0 0 0 0</td> <td>6 0 0 0 0</td> </tr> <tr> <td>7 0 0 0 0</td> <td>7 0 0 0 0</td> </tr> <tr> <td>8 0 0 0 0</td> <td>8 0 0 0 0</td> </tr> <tr> <td>9 0 0 0 0</td> <td>9 0 0 0 0</td> </tr> </table> <p><b>B.</b> Type of unit or quarters</p> <p> <input type="checkbox"/> Occupied  <input type="checkbox"/> First form  <input type="checkbox"/> Continuation  <input type="checkbox"/> Vacant  <input type="checkbox"/> Regular  <input type="checkbox"/> Usual residence elsewhere  <input type="checkbox"/> Group quarters  <input type="checkbox"/> First form  <input type="checkbox"/> Continuation         </p> <p><i>For a vacant unit, also fill C, D, A, H2 to H8, and H10 to H12</i></p> <p><b>C.</b> Vacancy status</p> <p> <input type="checkbox"/> Year round  <input type="checkbox"/> For rent  <input type="checkbox"/> For sale only  <input type="checkbox"/> Rented or sold, not occupied  <input type="checkbox"/> Held for occasional use  <input type="checkbox"/> Other vacant  <input type="checkbox"/> Seasonal  <input type="checkbox"/> Migratory         </p> <p><b>D.</b> Months vacant</p> <p> <input type="checkbox"/> Less than 1 month  <input type="checkbox"/> 1 up to 2 months  <input type="checkbox"/> 2 up to 6 months  <input type="checkbox"/> 6 up to 12 months  <input type="checkbox"/> 1 year up to 2 years  <input type="checkbox"/> 2 years or more         </p> <p>C/O</p>	#4 Block number	#5 Serial number	0 0 0 0 0	0 0 0 0 0	1 0 0 0 0	1 0 0 0 0	2 0 0 0 0	2 0 0 0 0	3 0 0 0 0	3 0 0 0 0	4 0 0 0 0	4 0 0 0 0	5 0 0 0 0	5 0 0 0 0	6 0 0 0 0	6 0 0 0 0	7 0 0 0 0	7 0 0 0 0	8 0 0 0 0	8 0 0 0 0	9 0 0 0 0	9 0 0 0 0
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APPENDIX B—Continued

FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES  
(Percent indicates sample size)

<p><b>H13.</b> Answer question H13 if you pay rent for your living quarters. In addition to the rent entered in H12, do you also pay for—</p> <p>a. Electricity?  <input type="radio"/> Yes, average monthly cost is → \$ _____ .00                  Average monthly cost  <input type="radio"/> No, included in rent  <input type="radio"/> No, electricity not used</p> <p>b. Gas?  <input type="radio"/> Yes, average monthly cost is → \$ _____ .00                  Average monthly cost  <input type="radio"/> No, included in rent  <input type="radio"/> No, gas not used</p> <p>c. Water?  <input type="radio"/> Yes, yearly cost is → \$ _____ .00                  Yearly cost  <input type="radio"/> No, included in rent or no charge</p> <p>d. Oil, coal, kerosene, wood, etc.?  <input type="radio"/> Yes, yearly cost is → \$ _____ .00                  Yearly cost  <input type="radio"/> No, included in rent  <input type="radio"/> No, these fuels not used</p>	<p><b>H19.</b> Do you get water from—</p> <p><input type="radio"/> A public system (city water department, etc.) or private company?  <input type="radio"/> An individual well?  <input type="radio"/> Some other source (a spring, creek, river, cistern, etc.)?</p>
<p><b>H14.</b> How are your living quarters heated? Fill <u>one</u> circle for the kind of heat you use most.</p> <p><input type="radio"/> Steam or hot water system  <input type="radio"/> Central warm air furnace with ducts to the individual rooms, or central heat pump  <input type="radio"/> Built-in electric units (permanently installed in wall, ceiling, or baseboard)  <input type="radio"/> Floor, wall, or pipeless furnace  <input type="radio"/> Room heaters <u>with</u> flue or vent, burning gas, oil, or kerosene  <input type="radio"/> Room heaters <u>without</u> flue or vent, burning gas, oil, or kerosene (not portable)  <input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind                  In some other way—Describe → _____  <input type="radio"/> None, unit has no heating equipment</p>	<p><b>H20.</b> Is this building connected to a public sewer?  <input type="radio"/> Yes, connected to public sewer  <input type="radio"/> No, connected to septic tank or cesspool  <input type="radio"/> No, use other means</p>
<p><b>H15.</b> About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</p> <p><input type="radio"/> 1969 or 1970    <input type="radio"/> 1950 to 1959  <input type="radio"/> 1965 to 1968    <input type="radio"/> 1940 to 1949  <input type="radio"/> 1960 to 1964    <input type="radio"/> 1939 or earlier</p>	<p><b>H21.</b> How many bathrooms do you have? A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water. A half bathroom has at least a flush toilet or bathtub or shower, but does <u>not</u> have all the facilities for a complete bathroom.</p> <p><input type="radio"/> No bathroom, or only a half bathroom  <input type="radio"/> 1 complete bathroom  <input type="radio"/> 1 complete bathroom, plus half bath(s)  <input type="radio"/> 2 complete bathrooms  <input type="radio"/> 2 complete bathrooms, plus half bath(s)  <input type="radio"/> 3 or more complete bathrooms</p>
<p><b>H16.</b> Which best describes this building? Include all apartments, flats, etc., even if vacant.</p> <p><input type="radio"/> A one-family house detached from any other house  <input type="radio"/> A one-family house attached to one or more houses  <input type="radio"/> A building for 2 families  <input type="radio"/> A building for 3 or 4 families  <input type="radio"/> A building for 5 to 9 families  <input checked="" type="radio"/> A building for 10 to 19 families  <input type="radio"/> A building for 20 to 49 families  <input type="radio"/> A building for 50 or more families  <input type="radio"/> A mobile home or trailer                  Other—                  Describe _____</p>	<p><b>H22.</b> Do you have air-conditioning?  <input type="radio"/> Yes, 1 individual room unit  <input type="radio"/> Yes, 2 or more individual room units  <input type="radio"/> Yes, a central air-conditioning system  <input type="radio"/> No</p>
<p><b>H17.</b> Is this building—</p> <p><input type="radio"/> On a city or suburban lot?—Skip to H19  <input type="radio"/> On a place of less than 10 acres?  <input type="radio"/> On a place of 10 acres or more?</p>	<p><b>H23.</b> How many passenger automobiles are owned or regularly used by members of your household? Count company cars kept at home.</p> <p><input type="radio"/> None  <input type="radio"/> 1 automobile  <input type="radio"/> 2 automobiles  <input type="radio"/> 3 automobiles or more</p>
<p><b>H18.</b> Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to—</p> <p><input type="radio"/> Less than \$50 (or None)    <input type="radio"/> \$2,500 to \$4,999  <input type="radio"/> \$50 to \$249    <input type="radio"/> \$5,000 to \$9,999  <input type="radio"/> \$250 to \$2,499    <input type="radio"/> \$10,000 or more</p>	

15 and 5 percent

15 percent

APPENDIX B—Continued

FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES  
(Percent indicates sample size)

<p><b>H13.</b> Answer question H13 if you pay rent for your living quarters. In addition to the rent entered in H12, do you also pay for—</p> <p>a. Electricity?  <input type="radio"/> Yes, average monthly cost is \$ _____ .00                  Average monthly cost  <input type="radio"/> No, included in rent  <input type="radio"/> No, electricity not used</p> <p>b. Gas?  <input type="radio"/> Yes, average monthly cost is \$ _____ .00                  Average monthly cost  <input type="radio"/> No, included in rent  <input type="radio"/> No, gas not used</p> <p>c. Water?  <input type="radio"/> Yes, yearly cost is \$ _____ .00                  Yearly cost  <input type="radio"/> No, included in rent or no charge</p> <p>d. Oil, coal, kerosene, wood, etc.?  <input type="radio"/> Yes, yearly cost is \$ _____ .00                  Yearly cost  <input type="radio"/> No, included in rent  <input type="radio"/> No, these fuels not used</p>	<p><b>H24a.</b> How many stories (floors) are in this building?  <input type="radio"/> 1 to 3 stories  <input type="radio"/> 4 to 6 stories  <input type="radio"/> 7 to 12 stories  <input checked="" type="radio"/> 13 stories or more</p> <p>b. If 4 or more stories                  Is there a passenger elevator in this building?  <input type="radio"/> Yes <input type="radio"/> No</p>
<p><b>H14.</b> How are your living quarters heated?                  Fill one circle for the kind of heat you use most.</p> <p><input type="radio"/> Steam or hot water system  <input type="radio"/> Central warm air furnace with ducts to the individual rooms, or central heat pump  <input checked="" type="radio"/> Built-in electric units (permanently installed in wall, ceiling, or baseboard)  <input type="radio"/> Floor, wall, or pipeless furnace  <input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene  <input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable)  <input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind                  In some other way—Describe _____  <input type="radio"/> None, unit has no heating equipment</p>	<p><b>H25a.</b> Which fuel is used most for cooking?                  Gas { From underground pipes serving the neighborhood. Coal or coke                  Bottled, tank, or LP Wood                  Electricity Other fuel                  Fuel oil, kerosene, etc. No fuel used</p> <p>b. Which fuel is used most for house heating?                  Gas { From underground pipes serving the neighborhood. Coal or coke                  Bottled, tank, or LP Wood                  Electricity Other fuel                  Fuel oil, kerosene, etc. No fuel used</p>
<p><b>H15.</b> About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</p> <p><input type="radio"/> 1969 or 1970 <input type="radio"/> 1950 to 1959  <input type="radio"/> 1965 to 1968 <input checked="" type="radio"/> 1940 to 1949  <input type="radio"/> 1960 to 1964 <input type="radio"/> 1939 or earlier</p>	<p><b>H25c.</b> Which fuel is used most for water heating?                  Gas { From underground pipes serving the neighborhood. Coal or coke                  Bottled, tank, or LP Wood                  Electricity Other fuel                  Fuel oil, kerosene, etc. No fuel used</p> <p><b>H26.</b> How many bedrooms do you have? Count rooms used mainly for sleeping even if used also for other purposes.  <input type="radio"/> No bedroom <input type="radio"/> 3 bedrooms  <input type="radio"/> 1 bedroom <input checked="" type="radio"/> 4 bedrooms  <input type="radio"/> 2 bedrooms <input type="radio"/> 5 bedrooms or more</p>
<p><b>H16.</b> Which best describes this building?                  Include all apartments, flats, etc., even if vacant.</p> <p><input type="radio"/> A one-family house detached from any other house  <input type="radio"/> A one-family house attached to one or more houses  <input type="radio"/> A building for 2 families  <input type="radio"/> A building for 3 or 4 families  <input type="radio"/> A building for 5 to 9 families  <input checked="" type="radio"/> A building for 10 to 19 families  <input type="radio"/> A building for 20 to 49 families  <input type="radio"/> A building for 50 or more families  <input type="radio"/> A mobile home or trailer                  Other—                  Describe _____</p>	<p><b>H27a.</b> Do you have a clothes washing machine?  <input type="radio"/> Yes, automatic or semi automatic  <input type="radio"/> Yes, wringer or separate spinner  <input type="radio"/> No</p> <p>b. Do you have a clothes dryer?  <input type="radio"/> Yes, electrically heated  <input type="radio"/> Yes, gas heated  <input checked="" type="radio"/> No</p> <p>c. Do you have a dishwasher (built in or portable)?  <input type="radio"/> Yes <input type="radio"/> No</p> <p>d. Do you have a home food freezer which is separate from your refrigerator?  <input type="radio"/> Yes <input type="radio"/> No</p>
<p><b>H17.</b> Is this building—  <input type="radio"/> On a city or suburban lot?—Skip to H24  <input type="radio"/> On a place of less than 10 acres?  <input type="radio"/> On a place of 10 acres or more?</p>	<p><b>H28a.</b> Do you have a television set? Count only sets in working order.  <input type="radio"/> Yes, one set  <input type="radio"/> Yes, two or more sets  <input type="radio"/> No</p> <p>b. If "Yes"—Is any set equipped to receive UHF broadcasts, that is, channels 14 to 83?  <input type="radio"/> Yes <input checked="" type="radio"/> No</p>
<p><b>H18.</b> Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to—  <input type="radio"/> Less than \$50 (or None) <input checked="" type="radio"/> \$2,500 to \$4,999  <input type="radio"/> \$50 to \$249 <input type="radio"/> \$5,000 to \$9,999  <input type="radio"/> \$250 to \$2,499 <input type="radio"/> \$10,000 or more</p>	<p><b>H29.</b> Do you have a battery-operated radio? Count car radios, transistors, and other battery-operated sets in working order or needing only a new battery for operation.  <input type="radio"/> Yes, one or more <input type="radio"/> No</p> <p><b>H30.</b> Do you (or any member of your household) own a second home or other living quarters which you occupy sometime during the year?  <input type="radio"/> Yes <input type="radio"/> No</p>

15 and 5 percent

5 percent

## APPENDIX B—Continued

### FACSIMILE OF THE RESPONDENT INSTRUCTIONS FOR THE HOUSING QUESTIONS IN THE 1970 CENSUS

If you live in an apartment building and you do not know the answers to questions H14, H15, H16, and H25, ask the person who runs your building (for example, the manager, rental agent, superintendent, janitor, etc.).

- A. Mark only one circle. This address means the house or building number where your living quarters are located.
- H1. Mark **Yes** and enter telephone number, even if the telephone is in another apartment or building.
- H2. Mark the second circle only if you **must** go through someone else's living quarters to get to your own.
- H3. The kitchen sink, stove, and refrigerator do **not** have to be in the same room.  
**Also used by another household** means that someone else who lives in the same building, but is not a member of your household, also uses the equipment. Mark this circle also if the occupants of living quarters now vacant would also use the equipment.
- H4. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do **not** count kitchenettes, strip or pullman kitchens; utility rooms; or unfinished attics, basements, or other space used for storage.
- H5. Mark hot water even if you have it only part of the time.
- H6, H7. See instructions for H3 for meaning of **Also used by another household**.
- H8. A house has a **basement** if there is enclosed space in which persons can walk upright under all or part of the building. A house on a concrete slab has no basement and no air or crawl space below it. A house built in another way is one directly on the ground or resting on a foundation or posts to provide crawl space.
- H9. **Owned or being bought** means that the living quarters are owned outright or are mortgaged. Also mark **Owned or being bought** if the living quarters are owned but the land is rented.  
 Mark **Rented for cash rent** if any money rent is paid. Rent may be paid by persons who are not members of your household.  
**Occupied without payment of cash rent** includes, for example, a parsonage, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.
- H10. A **commercial establishment** is easily recognized from the outside; for example, a grocery store or barber shop. A **medical office** is a doctor's or dentist's office regularly visited by patients. If your house is on a place of 10 acres or more and also contains a commercial establishment or medical office, mark **Yes, 10 acres or more**.
- H11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the land.
- H12. Report the rent agreed to or contracted for, even if the furnishings, utilities, or services are included.  
 a. If you pay rent by the month, write in the amount of rent and fill one circle.  
 b. If rent is **not** paid by the month, answer both parts of b. For example, \$20 per week, \$1,500 per year, etc.
- H13. If exact costs are not known, estimate as closely as possible. Report amounts even if bills are unpaid or are paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket ( ) the two utilities.
- H14. This question refers to the type of heating equipment and not to the fuel used.  
 A **heat pump** is sometimes known as a **reverse cycle** system.  
 A **floor, wall, or pipeless furnace** delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed. These furnaces do not have ducts leading to other rooms.  
 Any heater that you plug into an electric outlet should be counted as a **portable room heater**--not a built-in electric unit.
- H16. Count all occupied and vacant living quarters in the house or building, but not stores or office space.  
**Detached** means there is open space on all sides, or the house is joined only to a shed or garage. **Attached** means that the house is joined to another house or building by at least one wall which goes from ground to roof.
- H17. A **city or suburban lot** is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a **city or suburban lot**.  
 A **place** is a farm, ranch, or any other property, other than a city or suburban lot, on which this residence is located.
- H18. Fill the circle for the total (gross) amount of money received from the sales of crops, livestock, and other farm products produced on this place during the calendar year 1969.
- H19. If a well provides water for six or more houses or apartments, mark a **public system**. If a well provides water for five or fewer houses or apartments, mark an **individual well**.
- H20. A **public sewer** is operated by a government body or a private organization. A **septic tank or cesspool** is an underground tank or pit used for disposal of sewage.
- H22. Count only equipment with a refrigeration unit to cool the air. Mark an **individual room unit** for air conditioners which are installed in a window or in an outside wall and are used to cool one or more rooms. Mark a **central system** for a central installation which cools the entire house or apartment.
- H23. Do not count cars permanently out of working order. Also do not count taxicabs, pickups, or larger trucks.
- H24a. Do not count a basement as a story.  
 b. Do not count elevators used only for freight.
- H25. **Gas from underground pipes** is piped in from a central system such as a public utility company or a municipal government. **Bottled, tank, or LP gas** is stored in tanks which are refilled or exchanged when empty. **Other fuel** includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.
- H27. Mark the **Yes** circle whether you own the appliance or it is provided as part of the equipment in your living quarters. Do **not** count coin-operated equipment or appliances in storage.
- H28. Count any set **equipped** to receive UHF (ultra high frequency) broadcasts, even if there are no such broadcasts in your area. Include sets that can be tuned directly to channels 14 to 83 and sets that receive UHF broadcasts by means of a converter. Also include sets that receive UHF broadcasts through a community antenna (CATV) or master antenna.
- H29. A battery-operated radio is one that can be run on batteries and does not need to be plugged into an electric socket. Include battery-operated sets owned by any member of the household.
- H30. Do not count vacation trailers, tents, or boats. Also do not count second homes used only for investment purposes.

## Appendix C.—ACCURACY OF THE DATA

SOURCES OF ERROR.....	App-14
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SAMPLE DESIGN .....	App-14
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### SOURCES OF ERROR

Human and mechanical errors occur in any mass statistical operation such as a decennial census. Errors during the data collection phase can include failure to obtain required information from respondents, obtaining incorrect or inconsistent information, and recording information in the wrong place or incorrectly. Errors can also occur during the field review of the enumerator's work, the clerical handling of the questionnaires, the manual editing and coding operations, and the various stages of the electronic processing of the material. Careful efforts are made in every census to keep the errors in each step at an acceptably low level. Quality control and check measures are utilized throughout the census operation. As was done for the 1950 and 1960 censuses, evaluative material on many aspects of the 1970 census will be published as soon as the appropriate data are accumulated and analyzed. A major concern in the evaluation work is to ascertain, insofar as possible, the degree of completeness of the count of both population and housing units.

### EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of statistics that describes the Nation's housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

Whenever information was missing, an allocation procedure was used to assign an entry, thereby eliminating the need for a "not reported" category in the tabulations. The assignment was based on related information reported for the housing unit or on information reported for a similar unit in the immediate neighborhood. For example, if tenure for an occupied unit was omitted but a rental amount was reported, the computer automatically edited tenure to "rented for cash rent." On the other hand, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renter-occupied unit.

A similar procedure was used when the information reported for an item was inconsistent with other information reported for the unit. For example, if a housing unit was enumerated as having no piped water but having both a bathtub (or shower) and flush toilet for the exclusive use of the occupants of the unit, the computer edited water supply to "hot and cold water," a category considered to be consistent with the reported bathing and toilet facilities.

Specific tolerances were established for the number of computer allocations that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper micro-filming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

The extent of allocations for non-responses and inconsistencies is given

for SMSA's and places in the allocation tables in the 1970 Population Census PC(1)-B and PC(1)-C reports, and in the Housing Census HC(1)-A and HC(1)-B reports.

### SAMPLE DESIGN

For sample data collected in the 1970 census, the housing unit, including all its occupants, was the sampling unit; for persons in group quarters identified in advance of the census, it was the person. In non-mail areas, the enumerator canvassed his assigned area and listed all housing units in an address register sequentially in the order in which he first visited the units, whether or not he completed the interview. Every fifth line of the address register was designated as a sample line, and the housing units listed on these lines were included in the sample. Each enumerator was given a random line on which he was to start listing and the order of canvassing was indicated in advance, although the instructions allowed some latitude in the order of visiting addresses. In mail areas, the list of housing units was prepared prior to Census Day either by employing commercial mailing lists corrected through the cooperation of the post office or by listing the units in a process similar to that used in non-mail areas. As in other areas, every fifth housing unit on these lists was designated to be in the sample. In group quarters, all persons were listed and every fifth person was selected for the sample; as indicated in Appendix B, information on the housing characteristics of group quarters was not collected in the census.

This 20-percent sample was subdivided into a 15-percent and a 5-percent sample by designating every fourth 20-percent sample unit as a

member of the 5-percent sample. The remaining sample units became the 15-percent sample. Two types of sample questionnaires were used, one for the 5-percent and one for the 15-percent sample units. Some questions were included on both the 5-percent and 15-percent sample forms and therefore appear for a sample of 20 percent of the units in the census. Other items appeared on either the 15-percent or the 5-percent questionnaires. The sample rates for the various items appearing in this report are shown in table A.

Although the sampling procedure did not automatically insure an exact 20-percent sample of persons or housing units in each locality, the sample design was unbiased if carried through according to instructions; generally for larger areas the deviation from 20 percent was found to be quite small. Biases may have arisen, however, when the enumerator failed to follow his listing and sampling instructions exactly. Quality control procedures were used throughout the census process, and where there was clear evidence that the sampling proce-

dures were not properly followed, some enumerators' assignments were returned to the field for resampling. Estimates for the United States as a whole indicate that 19.6 percent of the total population and 19.7 percent of the total housing units were enumerated on sample questionnaires. The computation of these proportions excluded several classes of the population and housing units for which no attempt at sampling was made. These were the relatively small numbers of persons and housing units (in most States, less than one percent) added to the enumeration from the post-census post office check, the various supplemental forms, and the special check of vacant units. However, the ratio estimation procedure described below adjusts the sample data to reflect these classes of population and housing units.

TABLE A. Sample Rate for Subjects Included in This Report

Subject	Sample rate (percent)	Subject	Sample rate (percent)
<b>OCCUPANCY CHARACTERISTICS</b>		<b>EQUIPMENT AND APPLIANCES</b>	
Occupied housing units . . . . .	20	Heating equipment . . . . .	20
Tenure . . . . .	20	Air conditioning . . . . .	15
Race . . . . .	20	Automobiles available . . . . .	15
Spanish heritage . . . . .	15	Second home . . . . .	5
Year moved into unit . . . . .	15	Clothes washing machine . . . . .	5
		Clothes dryer . . . . .	5
		Dishwasher . . . . .	5
		Home food freezer . . . . .	5
<b>VACANCY CHARACTERISTICS</b>		<b>FINANCIAL CHARACTERISTICS</b>	
Vacant for sale . . . . .	20	Value . . . . .	20
Vacant for rent . . . . .	20	Sales price asked . . . . .	20
Duration of vacancy . . . . .	20	Gross rent . . . . .	20
		Rent asked . . . . .	20
		Inclusion of utilities	
		in rent . . . . .	20
		Value-income ratio . . . . .	20
		Gross rent as percentage	
		of income . . . . .	20
<b>UTILIZATION CHARACTERISTICS</b>		<b>HOUSEHOLD CHARACTERISTICS</b>	
Number of rooms . . . . .	20	Household composition . . . . .	20
Size of household (persons) . . . . .	20	Income . . . . .	20
Persons per room . . . . .	20		
Bedrooms . . . . .	5		
<b>PLUMBING CHARACTERISTICS</b>			
Plumbing facilities . . . . .	20		
Complete bathrooms . . . . .	15		
<b>STRUCTURAL CHARACTERISTICS</b>			
Complete kitchen			
facilities . . . . .	20		
Access . . . . .	20		
Units in structure . . . . .	20		
Mobile home or trailer . . . . .	20		
Year structure built . . . . .	20		
Elevator in structure . . . . .	5		

**RATIO ESTIMATION**

The statistics based on 1970 census sample data are estimates made through the use of ratio estimation procedures which were applied separately for the 5-, 15-, and 20-percent samples. The first step in carrying through the ratio estimates was to establish the areas within which separate ratios were to be prepared. These are referred to as "weighting areas." For the 15- and 20-percent samples the weighting areas contained a minimum population size of 2,500. The weighting areas used for the 5-percent ratio estimate were larger areas having a minimum population size of 25,000 and comprising combinations of the weighting areas used for the 15- and 20-percent samples. Weighting areas were established by a mechanical operation on the computer and were defined to conform, as nearly as possible, to areas for which tabulations are produced. Where these areas do

not agree (primarily for smaller areas), there may be some differences between complete counts and sample estimates.

The ratio estimation process operated in two stages for occupied housing units, and in one stage for vacant units. The first stage for occupied units employed 18 household-type groups (the first of which was empty by definition); the second stage for occupied units used four groups: owner- and renter-occupied units, by race. The single stage for vacant units employed three groups: year-round vacant for sale, year-round vacant for rent, and other vacant.

Group

Occupied housing units:

STAGE I

*Male Head With Own Children Under 18*

1	1-person household
2	2-person household
3	3-person household
.	.
.	.
6	6-or-more-person household

*Male Head Without Own Children Under 18*

7-12	1-person to 6-or-more-person households
------	---

*Female Head*

13-18	1-person to 6-or-more-person households
-------	---

STAGE II

*Owner Occupied*

19	Negro
20	Not Negro

*Renter Occupied*

21	Negro
22	Not Negro

Vacant housing units:

23	Year-round vacant for sale
24	Year-round vacant for rent
25	Other vacant

At each stage, for each of the occupied housing groups, the ratio of the complete count to the weighted sample count of the housing units in the group was computed and applied to the weight of each sample unit in the group. This operation was performed for each of the 18 groups in the first stage, then for the four groups in the second stage. As a rule, the weighted sample counts within each of the 4 groups in the second stage for occupied units should agree with the complete counts for the weighting areas (close, although not exact consistency can be expected for the 18 groups in the first stage). Similarly, the weighted sample counts within each of the 3 groups in the single stage for vacant housing units should agree with the complete counts for the weighting area.

There are some exceptions to this general rule, however. As indicated above, there may be differences between the complete counts and sample estimates when the tabulation area is not made up of whole weighting areas. Furthermore, in order to increase the reliability, a separate ratio was not computed in a group whenever certain criteria pertaining to the complete count of housing units and the magnitude of the weight were not met. For example, for the 20-percent sample the complete count of units in a group had to exceed 70 units and the ratio of the complete count to the unweighted sample count could not exceed 20. Where these criteria were not met, groups were combined in a specific order until the conditions were met. Where this occurred, con-

sistency between the weighted sample and the complete counts would apply as indicated above for the combined group but not necessarily for each of the groups in the combination.

Each sample housing unit was assigned an integral weight to avoid the complications involved in rounding in the final tables. If, for example, the final weight for a group was 5.2, one-fifth of the units in the group (selected at random) were assigned a weight of 6 and the remaining four-fifths a weight of 5.

The estimates realize some of the gains in sampling efficiency that would have resulted had the population been stratified into the groups before sampling. The net effect is a reduction in both the sampling error and possible bias of most statistics below what would be obtained by weighting the results of the sample by a uniform factor (e.g., by weighting the 20-percent sample results by a uniform factor of 5). The reduction in sampling error will be trivial for some items and substantial for others. A by-product of this estimation procedure is that estimates for this sample are, in general, consistent with the complete count for the housing unit groups used in the estimation procedure. A more complete discussion of the technical aspects of these ratio estimates will be presented in a separate report.

SAMPLING VARIABILITY

The estimates from the 20-, 15-, and 5-percent sample tabulations are subject to sampling variability. The standard errors of these estimates can be approximated by using the data in tables B through D. The chances are about 2 out of 3 that the difference (due to sampling variability) between the sample estimate and the figure that would have been obtained from a

complete count is less than the standard error. The chances are about 19 out of 20 that the difference is less than twice the standard error and about 99 out of 100 that it is less than  $2\frac{1}{2}$  times the standard error. The amount by which the estimated standard error must be multiplied to obtain other odds deemed more appropriate can be found in most statistical textbooks. The sampling errors may be obtained by using the factors shown in table D in conjunction with table B for absolute numbers and in conjunction with table C for percentages. These tables reflect the effect of simple response variance, but not of bias arising in the collection, processing and estimation steps nor of the correlated errors enumerators introduce; estimates of the magnitude of some of these factors in the total error are being evaluated and will be published at a later date.

Table B shows approximate standard errors of estimated numbers for most statistics based on the 20-percent sample. In determining the figures for this table, some aspects of the sample design, the estimation process, and the size of the area over which the data have been compiled are ignored. Table C shows standard errors of most percentages based on the 20-percent sample. Linear interpolation in tables B and C will provide approximate results that are satisfactory for most purposes. Table D provides a factor by which the standard errors shown in tables B or C should be multiplied to adjust for the effect of the sample size (i.e., whether a 15-percent or 5-percent sample) and the effect of the estimation procedure.

To estimate the standard error for a given characteristic, locate the factor in table D for the appropriate characteristic and the sample size used to tabulate the data, and multiply this

factor by the standard error found in table B or C. Where data are shown as cross-classifications of two characteristics, locate and use the larger factor. Similarly, if an item, although collected on one sample basis, has been tabulated for a smaller sample, use the factor appropriate for the smaller sample.

The standard errors estimated from these tables are not directly applicable to differences between two sample estimates. In order to estimate the standard error of a difference, the tables are to be used somewhat differently in the three following situations:

1. For a difference between the sample figure and one based on a complete count (e.g., arising from comparisons between sample statistics for 1970 and complete-count statistics for 1960 or 1950), the standard error is identical with the standard error of the 1970 estimate alone.
2. For a difference between two sample figures (that is, one from 1970 and the other from 1960, or both from the same census year), the standard error is approximately the square root of the sum of the squares of the standard errors of each estimate considered separately. This formula will represent the actual standard error quite accurately for the difference between estimates of the same characteristics in two different areas, or for the difference between separate and uncorrelated characteristics in the same area. If, however, there is a high positive correlation between the two characteristics, the formula will overestimate the true standard error. The approximate standard error for the 1970 sample figure is derived directly from tables B

through D. The standard error of a 1960 sample figure may be obtained from the relevant 1960 census report.

3. For a difference between two sample estimates, one of which represents a subclass of the other, the tables can be used directly with the difference considered as the sample estimate.

The sampling variability of the medians presented in certain tables (median rooms, median value, median gross rent, etc.) depends on the size of the base and on the distribution on which the median is based. An approximate method for measuring the reliability of an estimated median is to determine an interval about the estimated median such that there is a stated degree of confidence the true median lies within the interval. As the first step in estimating the upper and lower limits of the interval (that is, the confidence limits) about the median, compute one-half the number on which the median is based (designated  $N/2$ ). From table B, following the method outlined in other parts of this section, compute the standard error of an estimated number equal to  $N/2$ . Subtract this standard error from  $N/2$ . Cumulate the frequencies (in the table on which the median is based) until the total first exceeds the difference between  $N/2$  and its standard error, and by linear interpolation obtain a value corresponding to this number. In a corresponding manner, add the standard error to  $N/2$ , cumulate the frequencies in the table, and obtain a value in the table on which the median is based corresponding to the sum of  $N/2$  and its standard error.

The chances are about 2 out of 3 that the median would lie between these two values. The range for 19 chances out of 20 and for 99 in 100

APPENDIX C—Continued

can be computed in a similar manner by multiplying the standard error by the appropriate factors before sub-

tracting from and adding to one-half the number reporting the characteristics. Interpolation to obtain the

values corresponding to these numbers gives the confidence limits for the median.

**TABLE B. Approximate Standard Error of Estimated Number Based on 20-Percent Sample**

(Range of 2 chances out of 3; for factors to be applied see table D and text)

Estimated number <sup>1</sup>	Number of housing units in area <sup>2</sup>						
	10,000	25,000	100,000	250,000	1,000,000	2,500,000	4,000,000
50 .....	15	15	15	15	15	15	15
100 .....	20	20	20	20	20	20	20
250 .....	30	30	30	30	30	30	30
500 .....	45	45	45	45	45	45	45
1,000 .....	60	60	65	65	65	65	65
2,500 .....	90	95	100	100	100	100	100
5,000 .....	100	130	140	140	140	140	140
10,000 .....	...	150	190	200	200	200	200
15,000 .....	...	150	230	240	240	240	240
25,000 .....	...	...	270	300	310	310	320
50,000 .....	...	...	320	400	440	440	440
75,000 .....	...	...	270	450	520	540	540
100,000 .....	...	...	...	490	600	620	630

<sup>1</sup>For estimated numbers larger than 100,000, the relative errors are somewhat smaller than for 100,000.

<sup>2</sup>An area is the smallest complete geographic area to which the estimate under consideration pertains. Thus, the area may be the standard metropolitan statistical area or the place. Housing units with Negro heads of household or Spanish heritage heads of household do not represent complete areas.

**TABLE C. Approximate Standard Error of Estimated Percentage Based on 20-Percent Sample**

(Range of 2 chances out of 3; for factors to be applied see table D and text)

Estimated percentage	Base of percentage						
	500	1,000	2,500	10,000	25,000	100,000	250,000
2 or 98 .....	1.3	0.9	0.6	0.3	0.2	0.1	0.1
5 or 95 .....	2.0	1.4	0.9	0.4	0.3	0.1	0.1
10 or 90 .....	2.7	1.9	1.2	0.6	0.4	0.2	0.1
25 or 75 .....	3.9	2.7	1.7	0.9	0.5	0.3	0.2
50 .....	4.5	3.2	2.0	1.0	0.6	0.3	0.2

TABLE D. Factor to be Applied to Standard Errors

Characteristic <sup>1</sup>	Factor if sample rate is—			Characteristic <sup>1</sup>	Factor if sample rate is—		
	20 percent	15 percent	5 percent		20 percent	15 percent	5 percent
<b>OCCUPANCY AND VACANCY CHARACTERISTICS</b>				<b>EQUIPMENT, FUELS, AND APPLIANCES</b>			
Year moved into unit .....	...	1.1	...	Heating equipment .....	0.8	0.9	...
Duration of vacancy .....	0.8	...	1.7	Air conditioning .....	...	1.1	...
<b>UTILIZATION CHARACTERISTICS</b>				<b>FINANCIAL CHARACTERISTICS</b>			
Rooms .....	1.0	1.1	2.1	Value .....	1.0	1.1	2.1
Size of household (persons) .....	0.5	0.6	1.2	Value-income ratio .....	1.0	1.2	...
Persons per room .....	0.4	0.5	0.9	Gross rent .....	0.9	1.1	2.1
Bedrooms .....	...	...	2.1	Gross rent as percentage of income	1.0	1.2	...
<b>PLUMBING CHARACTERISTICS</b>				<b>HOUSEHOLD CHARACTERISTICS</b>			
Complete bathrooms .....	...	1.1	...	Sales price asked .....	1.1	...	2.5
Plumbing facilities .....	1.0	...	...	Rent asked .....	1.1	...	2.5
<b>STRUCTURAL CHARACTERISTICS</b>				<b>ALL OTHERS</b>			
Units in structure .....	0.8	0.9	1.7	Household composition .....	0.6	0.7	...
Year structure built .....	0.9	1.0	...	Income in 1969 .....	1.0	1.2	2.3
					1.0	1.2	2.2

<sup>1</sup>Tabulations of housing data for households with heads of Spanish heritage are based on the 15-percent sample. For characteristics of households with heads of Spanish heritage (tables 19 to 26), use the factors given for the 15-percent sample.

NOTE: In this report an item collected for the 20-percent sample may be cross-tabulated with other items based on the 15-percent or 5-percent samples. In such cases, locate the factor for both items in Table D for the smaller sample size. Use the larger of the two factors. For example, in Table 9, duration of vacancy (a 20-percent item) is cross-tabulated by number of bedrooms (a 5-percent item). The factor for duration of vacancy based on a 5-percent sample is 1.7 and for bedrooms it is 2.1. The factor of 2.1 should be used to adjust the standard errors since it is the larger of the two factors based on the 5-percent sample.

## Appendix D.—PUBLICATION AND COMPUTER SUMMARY TAPE PROGRAM

The results of the 1970 Census of Population and Housing are being issued in the form of printed reports, microfiche copies of the printed reports, computer summary tapes, computer printouts, and microfilm. Listed below are short descriptions of the final report series and computer tapes, as currently planned. More detailed information on this program can be obtained by writing to the Publications Distribution Section, Bureau of the Census, Washington, D.C. 20233.

### Housing Census Reports

#### Volume I. HOUSING CHARACTERISTICS FOR STATES, CITIES, AND COUNTIES

This volume will consist of 58 "parts"—number 1 for the United States, numbers 2 through 52 for the 50 States and the District of Columbia in alphabetical order, and numbers 53 through 58 for Puerto Rico, Guam, Virgin Islands, American Samoa, Canal Zone, and Trust Territory of the Pacific Islands, respectively. Each part, which will be a separate clothbound book, will contain two chapters designated as A and B. Each chapter (for each of the 58 areas) will first be issued as an individual paperbound report in two series designated as HC(1)-A and B, respectively.

- Series HC(1)-A.  
GENERAL HOUSING  
CHARACTERISTICS

Statistics on tenure, kitchen facilities, plumbing facilities, number of rooms, persons per room, units in structure, mobile home, telephone, value, contract rent, and vacancy status are presented for some or all of the following areas: States (by urban and rural residence), standard metropolitan statistical areas (SMSA's), urbanized areas, places of 1,000 inhabitants or more, and counties.

- Series HC(1)-B.  
DETAILED HOUSING  
CHARACTERISTICS

Statistics are presented on a more detailed basis for the subjects included in the Series HC(1)-A reports, as well as on such additional subjects as year moved into unit, year structure built, basement, heating equipment, fuels, air conditioning, water and sewage, appliances, gross rent, and ownership of second home. Each subject is shown for some or all of the following areas: States (by urban, rural-nonfarm, and rural-farm residence), SMSA's, urbanized areas, places of 2,500 inhabitants or more, and counties (by rural and rural-farm residence).

#### Volume II. METROPOLITAN HOUSING CHARACTERISTICS

These reports, also designated as Series HC(2), cover most of the 1970 census housing subjects in considerable detail and cross-classification. There is one report for each SMSA, presenting data for the SMSA and its central cities and places of 50,000 inhabitants or more, as well as a national summary report.

#### Volume III. BLOCK STATISTICS

One report, under the designation Series HC(3), is issued for each urbanized area showing data for individual blocks on selected housing and population subjects. The series also includes reports for the communities outside urbanized areas which have contracted with the Census Bureau to provide block statistics from the 1970 census.

#### Volume IV. COMPONENTS OF INVENTORY CHANGE

This volume will contain data on the disposition of the 1960 inventory and the source of the 1970 inventory, such as new construction, conversions, mergers, demolitions, and other additions and losses. Cross-tabulations of 1970 and 1960 characteristics for units that have not changed and characteristics of the present and previous residence of recent movers will also be provided. Statistics will be shown for 15 selected SMSA's and for the United States and regions.

#### Volume V. RESIDENTIAL FINANCE

This volume will present data regarding the financing of privately owned nonfarm residential properties. Statistics will be shown on amount of outstanding mortgage debt, manner of acquisition of property, homeowner expenses, and other owner, property, and mortgage characteristics for the United States and regions.

#### Volume VI. ESTIMATES OF "SUBSTANDARD" HOUSING

This volume will present counts of "substandard" housing units for counties and cities, based on the number of units lacking plumbing facilities combined with estimates of units with all plumbing facilities but in "dilapidated" condition.

#### Volume VII. SUBJECT REPORTS

Each report in this volume will concentrate on a particular subject. Detailed information and cross-classifications will generally be provided on a national level; in some reports, data for States or SMSA's may also be shown. Among the subjects to be covered are housing characteristics by household composition, housing of minority groups and senior citizens, and households in mobile homes.

### Population Census Reports

#### Volume I. CHARACTERISTICS OF THE POPULATION

This volume will consist of 58 "parts"—number 1 for the United States, numbers 2 through 52 for the 50 States and the District of Columbia in alphabetical order, and numbers 53 through 58 for Puerto Rico, Guam, Virgin Islands, American Samoa, Canal Zone, and Trust Territory of the Pacific Islands, respectively. Each part, which will be a separate clothbound book, will contain four chapters designated as A, B, C, and D. Each chapter (for each of the 58 areas) will first be issued as an individual paperbound report in four series designated as PC(1)-A, B, C, and D, respectively. The 58 PC(1)-A reports will be specially assembled and issued in a clothbound book, designated as Part A.

- Series PC(1)-A.  
NUMBER OF INHABITANTS.

Final official population counts are presented for States, counties by urban and rural residence, SMSA's, urbanized areas, county subdivisions, all incorporated places, and unincorporated places of 1,000 inhabitants or more.

- Series PC(1)-B.  
GENERAL POPULATION  
CHARACTERISTICS

Statistics on age, sex, race, marital status, and relationship to head of household are presented for States, counties by urban and rural residence, SMSA's, urbanized areas, county subdivisions, and places of 1,000 inhabitants or more.

- Series PC(1)-C.  
GENERAL SOCIAL AND  
ECONOMIC CHARACTERISTICS

Statistics are presented on nativity and parentage, State or country of birth, Spanish origin, mother tongue, residence 5 years ago, year moved into present house, school enrollment (public or private), years of school completed, vocational training, number of children ever born, family composition, disability, veteran status, employment status, place of work, means of transportation to work, occupation group, industry group, class of worker, and income (by type) in 1969 of families and individuals. Each subject is shown for some or all of the following areas: States, counties (by urban, rural-nonfarm, and rural-farm residence), SMSA's urbanized areas, and places of 2,500 inhabitants or more.

■ Series PC(1)-D.

**DETAILED CHARACTERISTICS**

These reports cover most of the subjects shown in Series PC(1)-C, above, presenting the data in considerable detail and cross-classified by age, race, and other characteristics. Each subject is shown for some or all of the following areas: States (by urban, rural-nonfarm, and rural-farm residence), SMSA's, and large cities.

Volume 11.

**SUBJECT REPORTS**

Each report in this volume, also designated as Series PC(2), will concentrate on a particular subject. Detailed information and cross-relationships will generally be provided on a national and regional level; in some reports, data for States or SMSA's will also be shown. Among the characteristics to be covered are national origin and race, fertility, families, marital status, migration, education, unemployment, occupation, industry, and income.

**Joint Population-Housing Reports**

Series PHC(1).

**CENSUS TRACT REPORTS**

This series contains one report for each SMSA, showing data for most of the population and housing subjects included in the 1970 census.

Series PHC(2).

**GENERAL DEMOGRAPHIC TRENDS FOR METROPOLITAN AREAS, 1960 TO 1970**

This series consists of one report for each State and the District of Columbia, as well as a national summary report, presenting statistics for the State and for SMSA's and their central cities and constituent counties. Comparative 1960 and 1970 data are shown on population counts by age and race and on such housing subjects as tenure, plumbing facilities, value, and contract rent.

Series PHC(3).

**EMPLOYMENT PROFILES OF SELECTED LOW-INCOME AREAS**

This series consists of approximately 70 reports, each presenting statistics on the social and economic characteristics of the residents of a particular low-income area. The data relate to low-income neighborhoods in 51 cities and seven rural poverty areas. Each report provides statistics on employment and unemployment, education, vocational training, availability for work,

job history, and income, as well as on value or rent and number of rooms in the housing unit.

**Additional Reports**

Series PHC(E).

**EVALUATION REPORTS**

This open series will present the results of the extensive evaluation program conducted as an integral part of the 1970 census program, and relating to such matters as completeness of enumeration and quality of the data on characteristics.

Series PHC(R).

**PROCEDURAL REPORTS**

This open series presents information on various administrative and methodological aspects of the 1970 census, and will include a comprehensive procedural history of the 1970 census. The first report issued focuses on the forms and procedures used in the data collection phase of the census.

**Computer Summary Tapes**

The major portion of the results of the 1970 census is produced in a set of six tabulation counts. To help meet the needs of census users, these counts are being designed to provide data with much greater subject and geographic detail than it is feasible or desirable to publish in printed reports. The data so tabulated are generally available—subject to suppression of certain detail where necessary to protect confidentiality—on magnetic computer tape, printouts, and microfilm, at the cost of preparing the copy.

**First Count**—source of the PC(1)-A reports; contains about 400 cells of data on the subjects covered in the PC(1)-B and HC(1)-A reports and tabulated for each of the approximately 250,000 enumeration districts in the United States.

**Second Count**—source of the PC(1)-B, HC(1)-A, and part of the PHC(1) reports; contains about 3,500 cells of data covering the subjects in these reports and tabulated for the approximately 35,000 tracts and 35,000 county subdivisions in the United States.

**Third Count**—source of the HC(3) reports; contains about 250 cells of data on the subjects covered in the PC(1)-B and HC(1)-A reports and tabulated for approximately 1,500,000 blocks in the United States.

**Fourth Count**—source of the PC(1)-C, HC(1)-B, and part of the PHC(1) reports; contains about 13,000 cells of data covering the subjects in these reports and tabulated for the approximately 35,000 tracts and 35,000 county subdivisions in the United States; also contains about 30,000 cells of data for each county.

**Fifth Count**—contains approximately 800 cells of population and housing data for 5-digit ZIP code areas in SMSA's and 3-digit ZIP code areas outside SMSA's; the ZIP code data are available only on tape.

**Sixth Count**—source of the PC(1)-D and HC(2) reports; contains about 260,000 cells of data covering the subjects in these reports and tabulated for States, SMSA's, and large cities.

The tapes are generally organized on a State basis. To use the First Count and Third Count tapes, it is necessary to purchase the appropriate enumeration district and block maps.

The term "cells" used herein to indicate the scope of subject content of the several counts refers to each figure or statistic in the tabulation for a specific geographic area. For example, in the Third Count, there are six cells for a cross-classification of race by sex; three categories of race (white, Negro, other race) by two categories of sex (male, female).

In addition to the above-mentioned summary tapes, the Census Bureau makes available for purchase certain sample tape files containing population and housing characteristics as shown on individual census records. These files contain no names or addresses, and the geographic identification is sufficiently broad to protect confidentiality. There are six files, each containing a 1-percent national sample of persons and housing units. Three of the files are drawn from the population covered by the census 15-percent sample and three from the population in the census 5-percent sample. Each of these three files provides a different type of geographic information: One identifies individual large SMSA's and, for the rest of the country, groups of counties; the second individual States and, where they are sufficiently large, provides urban-rural and metropolitan-nonmetropolitan detail; and the third State groups and size of place, with each individual record showing selected characteristics of the persons's neighborhood.



OFFICIAL BUSINESS

**Table**

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**1, 11, 19** **VALUE**

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**2, 12, 20** **GROSS RENT**

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**3, 13, 21** **INCOME IN 1989**

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**4, 14, 22** **PLUMBING FACILITIES  
BY PERSONS PER ROOM**

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**5, 15, 23** **ROOMS**

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**6, 16, 24** **UNITS IN STRUCTURE**

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**7, 17, 25** **HOUSEHOLD COMPOSITION**

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**8, 18, 26** **PERSONS**

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**9** **DURATION OF VACANCY**

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**10** **SALES PRICE ASKED  
AND RENT ASKED**

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